



Black & Decker® power tools



featuring

VALUE-PLUS™

...power tools with extra features for added value.



**Plus the
Black & Decker
Workmate™
All purpose work center
and vise**

Consumer Indoor Products Division
CATALOG 293 JANUARY/JUNE 1976
Please see Retail Price List for prices.

VALUE PACKED TOOL KITS AND ACCESSORIES

Useful, appreciated gifts to give to others or to yourself.



7131 **VALUE-PLUS™** 3/8" DRILL KIT

Includes 7130 3/8" Drill, chuck key, carrying case, backing pad, wheel arbor, 5 sanding discs, cotton buff, cushioned-action abrasive polishing wheel, 3 drill bits.

7431 **VALUE-PLUS™** SANDER/POLISHER ASSORTMENT

Includes 7430 Finishing Sander, 74-001 dust collecting sanding attachment, 3-5/8" x 9" polishing pad, 12 sheets assorted grit sandpaper.

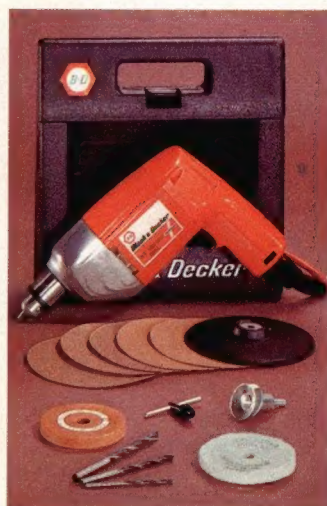
7531 **VALUE-PLUS™** TWO-SPEED JIG SAW KIT

Includes 7530 Two-Speed Jig Saw, custom-fitted plastic carrying case, U2151 rip fence, 4 assorted jig saw blades, blade packet.



7081 **VALUE-PLUS™** 1/4" VARIABLE SPEED DRILL KIT

Includes 7080 1/4" Variable Speed Drill, chuck key, custom-fitted plastic carrying case, 3 drill bits, 5 sanding discs, backing pad, wheel arbor, cotton buff, cushioned-action abrasive polishing wheel.



7181 **VALUE-PLUS™** 3/8" VARIABLE SPEED DRILL KIT

Includes 7180 3/8" Variable Speed Drill, chuck key, custom-fitted plastic carrying case, 3 drill bits, 5 sanding discs, backing pad, wheel arbor, cotton buff, cushioned-action abrasive polishing wheel.



7105 3/8" DRILL KIT

Includes 7104 3/8" Drill, chuck key, carrying case, backing pad, wheel arbor, 5 sanding discs, cotton buff, 3 drill bits.



7505 JIG SAW KIT

Includes 7504 Jig Saw, 4 assorted jig saw blades, rip fence, custom-fitted plastic carrying case.



All Black & Decker tools are backed by years of experience and a commitment to quality and value. Our tools are offered in three price ranges that allow a choice of the very latest features.

1. Our lowest priced tools are a good choice for those everyday household chores.
2. The VALUE-PLUS™ orange colored tools have more horsepower for those tough jobs and some very special features... features that give you more value in your power tools.
3. Our Commercial Duty line of product has even more horsepower, with beefed up bearings and gears where needed. They provide the necessary quality expected by people who use tools for their work or trade.

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Black & Decker DRILL BUYING GUIDE

Black & Decker offers a wide range of 1/4", 3/8" and 1/2" Drills for both general and specialized "in use" applications. The size designation of the drill (1/4", 3/8", 1/2") refers to the maximum diameter drill bit or accessory/attachment shank that will be accepted by the chuck of the drill. However, while chuck capacity is often the most apparent difference between pistol grip drills of all sizes, it is by no means the only

difference. As the chuck size increases on Black & Decker drills the work capacity becomes greater, in that 3/8" drills are geared to deliver slower speeds and more torque, or twisting power, than 1/4" drills... while 1/2" drills offer still slower speeds and more power than 3/8" models. Simply stated, as a car has more power but slower speeds in lower gears, so does a drill.

Specific work capacities in steel and hardwood are listed with the description of each drill model.



1/4" DRILLS — As a general guide in selecting the right size drill for individual use — a 1/4" drill is a good choice for the home handyman or tradesman wanting a high speed drilling capability in most woods and compositions, and adequate power for intermittent light duty drilling in masonry and metals. Because of the higher speed a 1/4" drill is also an especially good choice if it is to be used frequently with sanding, polishing or buffing accessories.



3/8" DRILLS — A 3/8" drill offers a greater measure of versatility in that it is capable of heavier duty work, such as drilling larger hole diameters and prolonged use in metals and masonry. Further, it will drive all the accessories/attachments of a 1/4" drill, including sanding, polishing and buffing (although at slower speeds). When used with most other accessories/attachments a 3/8" drill delivers more efficient performance.

1/2" DRILLS — For the big project jobs and frequent use in concrete, or with large size hole saws a 1/2" drill is recommended. A 1/2" drill is a good choice for the service tradesman or for continuous heavier duty use in the home. It is particularly valuable as the "second" drill in the home workshop because of its added capacity.



SPEED CONTROL DRILLS — In all size categories Black & Decker offers single speed and multi-speed models. Single speed units run at their maximum rated speed (see model capacities) as soon as they are turned on. Two speed or variable speed models allow added versatility in that they allow matching a speed to the job at hand. Two speed models offer a high speed for use in wood, compositions or soft metals while a slower speed enables greater efficiency and performance in hardwoods, masonry and most other metals. Variable speed units allow the user to infinitely vary the speed of the tool from 0 to maximum speed at will — a decided advantage in driving screws, threading or rethreading screw holes, or drilling in ceramics, smooth surfaces or other materials previously "undrillable" with single speed units.



LOCKING BUTTON — All Black & Decker drills feature a locking button, which enables the unit to be locked "on" for continuous duty use. This is especially valuable when using sanding, grinding, wire brushing and polishing attachments. On most variable speed models a pre-set button, together with the locking button allow the user to lock-in at whatever speed selected.



REVERSING ACTION — Several Black & Decker drills also feature reversing action. A reversing switch is not only handy for backing off screws, but also for removing jammed drill bits. On variable speed reversing units the reversing speed is also variable — a further convenience.



DOUBLE INSULATION — Some Black & Decker workshop tools listed in this catalog are of double insulated construction. They are so designated. These products incorporate built-in protection against electric shock hazards while eliminating the need for grounding. They are, therefore, equipped with convenient two prong plugs (except saws Nos. 3036-09, 3037-09, 3038-09) which can be safely used with all standard receptacles—an advantage in situations where proper grounding might be a problem.

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Black & Decker's complete drill line affords the user a wide choice to suit both need and pocketbook. The information above, together with the individual descriptions for each drill will hopefully guide you in selecting the "right" drill.

1/4" Drills

EXCLUSIVE DETACHABLE CORD FEATURE: A VALUE-PLUS™ BENEFIT



Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6-foot cord to be locked away for safety and to be used as a standard 2-prong extension cord. The Detachable Cord Feature also makes cord replacement easier. There are 15-foot and 25-foot extension cords available with exclusive Detachable Cord Feature that allow you the convenience of one cord. The detachable cord and plug drawing, left, is used throughout the catalog to denote **VALUE-PLUS™** tools that have this exclusive Black & Decker feature. Please look for it.



7030 **VALUE-PLUS™** 1/4" DRILL

- 1/3 HP (Max. Motor Output)
- Exclusive recessed center locking button guards against accidental "lock-on".
- Exclusive detachable cord.
- Double insulated, needs no grounding.

Quality construction, excellent performance. A real single speed value. Powerful drill for most homeowner and workshop use. Drives all of most popular accessories for sanding, buffing, grinding, wire brushing. Precision ball-thrust bearing system. Capacity: steel 1/4", hardwood 1/2"; 2500 RPM; 120V AC; 3 amps; net wt 2-3/4 lbs, ship wt 3 lbs.



7080 **VALUE-PLUS™** 1/4" VARIABLE SPEED DRILL

- Variable speed for picking the speed to suit the job.
- 1/3 HP (Max. Motor Output)
- Use as a drill or screwdriver.
- Exclusive detachable cord.
- Exclusive recessed center locking button guards against accidental "lock-on"
- Double insulated, needs no grounding.

Acceleration trigger delivers 0 to 2500 RPM, allows no-skip hole starting in tough materials like ceramic and steel. The farther you pull back the trigger the faster the speed. Precision ball-thrust bearing system. Capacity: steel 1/4", hardwood 1/2"; 0 - 2500 RPM; 120V AC; 3 amps; net wt 2-3/4 lbs, ship wt 3 lbs.



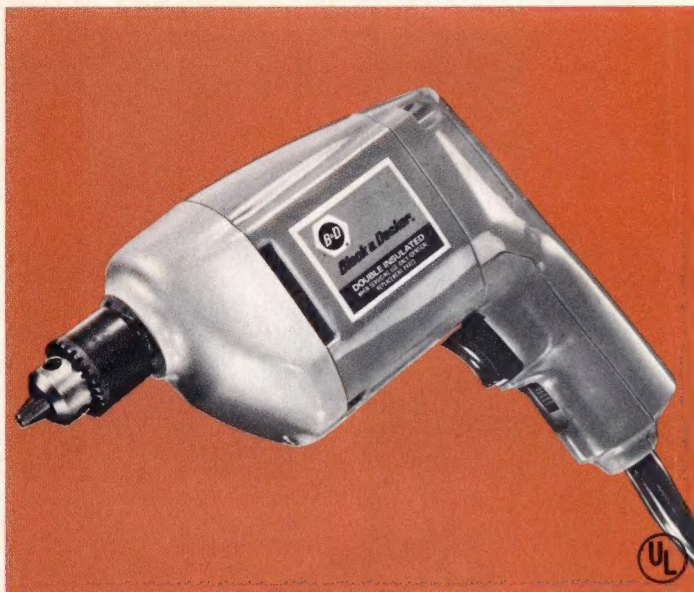
7090 **VALUE-PLUS™** 1/4" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

- 1/3 HP (Max. Motor Output)
- Variable speed lets you choose the speed to suit the job.
- Use as a drill or screwdriver.
- Exclusive detachable cord.
- Exclusive recessed center locking button guards against accidental "lock-on".
- Reversing switch for backing

out screws or jammed drill bits.

- Double insulated, needs no grounding.

The farther you pull back the trigger the faster the speed. Good for no-skip hole starting in tough materials. Trigger can be locked at correct speed for each job. Precision ball-thrust bearing system. Capacity: steel 1/4", hardwood 1/2"; 0 - 2500 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3-1/2 lbs.



7004 1/4" DRILL

- Exclusive recessed center locking button guards against accidental "lock-on".
- Double insulated, no grounding required.

A good single speed drill for light duty work and occasional building or remodeling projects. Drives all the most popular accessories for sanding, polishing, buffing, grinding, wire brushing. Ball-thrust bearing system. Capacity: steel 1/4", hardwood 1/2"; 2500 RPM; 120V AC; .20 HP (Max. Motor Output); 2 amps; net wt 2-5/8 lbs, ship wt 3 lbs.

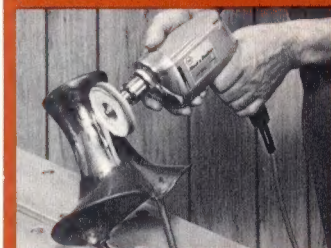
1/4" Drills have high speeds which make them a good choice for use with sanding, polishing or buffing accessories. Some are available with variable speed and a reversing feature which make them fine for driving screws, and removing screws or jammed drill bits.



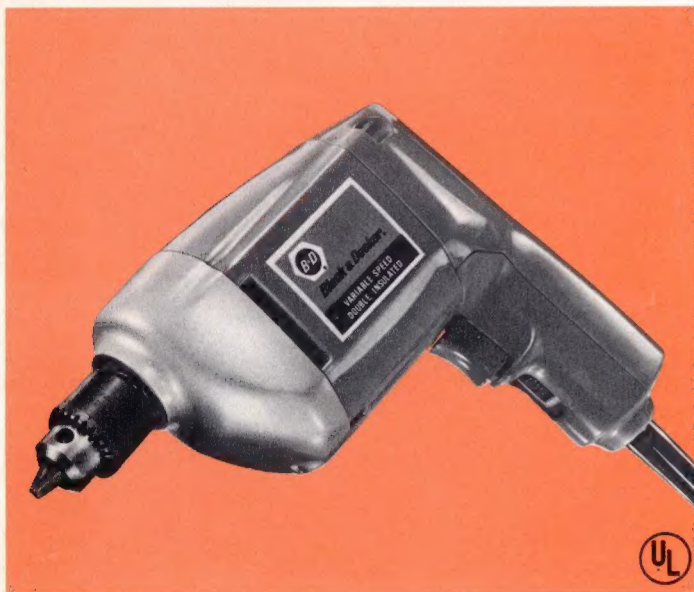
Variable speed feature permits driving screws.



Reversing capability allows removal of jammed drill bits, or screws.



High speeds of 1/4" drills excellent for polishing, sanding, buffing.



7014 1/4" VARIABLE SPEED DRILL

- Variable speed lets you match the speed to the job at hand.
- Use as a drill or a screwdriver.
- Exclusive recessed center locking button guards against accidental "lock-on".
- Double insulated, needs no grounding.
- Good for starting holes in ceramic tile, steel and other hard surfaces.

An all-purpose drill for drilling, grinding, sanding, buffing, wire brushing, polishing, paint mixing, screwdriving. The farther you pull back the trigger, the faster the speed. Capacity: steel 1/4", hardwood 1/2"; 0 to 2500 RPM; 120V AC; 2.3 amps; .23 HP (Max. Motor Output); net wt 2-5/8 lbs, ship wt 2-7/8 lbs.



7024 1/4" VARIABLE SPEED DRILL WITH INFINITE SPEED LOCK

- .40 HP (Max. Motor Output)
- Commercial Duty rating.
- Use as a drill or screwdriver.
- Variable speed for choosing correct speed for each job.
- Exclusive detachable cord.
- Trigger can be locked at correct speed for each job.
- Double insulated, needs no grounding.

- Exclusive recessed center locking button guards against accidental "lock-on".
- The farther you pull back the trigger the faster the speed. Good for no-skip hole starting. Precision ball-thrust bearing system. Capacity: steel 1/4", hardwood 1/2"; 0 - 1900 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3-3/8 lbs.



7054 1/4" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

- .40 HP (Max. Motor Output)
- Commercial Duty rating.
- Variable speed lets you pick the speed to suit the job.
- Use as a drill or screwdriver.
- Exclusive detachable cord.
- Exclusive recessed center locking button guards against accidental "lock-on".
- Double insulated, needs no grounding.
- Reversing switch for backing

out screws or jammed drill bits. The farther you pull back the trigger the faster the speed. Good for no-skip hole starting. Trigger can be locked at correct speed for each job. Precision ball-thrust bearing system. Capacity: steel 1/4", hardwood 1/2"; 0 to 1900 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3-1/2 lbs.

See MOD 4 Cordless Drill on Page 35

3/8" Drills



"Acceleration" trigger switch delivers speed from 0 to 1200 RPM at a touch.

Infinite speed lock permits trigger to be locked at correct speed for each job.

Exclusive recessed center locking button guards against accidental "lock-on".

With optional accessories



Exclusive Detachable Cord Feature See page 4

7190 **VALUE-PLUS™** 3/8" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

- 1/3 HP (Max. Motor Output).
 - Variable speed lets you pick the speed to suit the job.
 - 3/8" chuck for more capacity.
 - Use as a drill or screwdriver.
 - Exclusive detachable cord.
 - Exclusive recessed center locking button guards against accidental "lock-on".
 - Double insulated, needs no grounding.
 - Reversing switch for backing out screws or jammed drill bits.
- The farther you pull back the trigger the faster the speed. Good for no-skip hole starting in tough materials like ceramics, tile, steel. Trigger can be locked at correct speed for each job. Double reduction gearing and added capacity of 3/8" chuck permit handling bigger, tougher jobs with ease. Precision ball-thrust bearing system. Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3-1/2 lbs.



Exclusive Detachable Cord Feature See page 4

7130 **VALUE-PLUS™** 3/8" DRILL

- 1/3 HP (Max. Motor Output)
- Exclusive recessed center locking button guards against accidental "lock-on".
- Double insulated, needs no grounding.
- Exclusive detachable cord feature.
- Double reduction gear system delivers high-power drilling action.

Larger chuck capacity to do bigger jobs. Quality construction, excellent performance. With double reduction gear system, delivers high-power drilling action. A powerful drill for most homeowner and workshop use. Precision ball-thrust bearing system. Capacity: steel 3/8", hardwood 3/4"; 1200 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3-1/2 lbs.



Exclusive Detachable Cord Feature See page 4

7180 **VALUE-PLUS™** 3/8" VARIABLE SPEED DRILL

- 1/3 HP (Max. Motor Output).
- Variable speed lets you pick the speed to suit the job.
- Exclusive detachable cord.
- Use as a drill or screwdriver.
- Double insulated, needs no grounding.
- Exclusive recessed center locking button guards against accidental "lock-on".

Variable speed versatility, double reduction gearing and 3/8" chuck capacity make this drill very desirable for home or shop. Handles bigger, tougher jobs with ease. The farther you pull back the trigger the faster the speed. Good for no-skip hole starting. Precision ball-thrust bearing system. Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3-1/2 lbs.



Exclusive Detachable Cord Feature See page 4

7124 3/8" VARIABLE SPEED DRILL WITH INFINITE SPEED LOCK

- .40 HP (Max. Motor Output).
- Commercial-duty rating.
- Variable speed for choosing correct speed for each job.
- Use as a drill or screwdriver.
- Exclusive detachable cord.
- Trigger can be locked at correct speed for each job.
- Double insulated, needs no grounding.
- Exclusive recessed center locking button guards against accidental "lock-on".

Larger capacity 3/8" chuck and double reduction gearing for bigger, tougher jobs. Very desirable for home or shop. The farther you pull back the trigger the faster the speed. Good for no-skip hole starting. Precision ball-thrust bearing system. Double insulated. Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3-1/2 lbs.

3/8" Drills offer greater versatility because they are capable of heavier duty work, such as drilling larger holes and prolonged use in metals and masonry. They also drive sanding, polishing and buffing accessories but at slower speed than 1/4" drills. When used with most

other accessories and attachments, they give superior performance. 3/8" Drills are available in variable speed units, variable speed reversing and drills without these features.



7104 3/8" DRILL

- Well balanced, comfortable to use.
- Exclusive recessed center locking button guards against accidental "lock-on".
- Double insulated, no grounding needed.

A good general-purpose drill for most homeowners and workshop use. Precision ball-thrust bearing system. Its double reduction gear system delivers high-power drilling action. Drives most popular accessories and attachments. Capacity: steel 3/8", hardwood 3/4"; 1200 RPM; 120V AC; .22 HP (Max. Motor Output); 2 amps; net wt 2-7/8 lbs, ship wt 3-1/8 lbs.



7114 3/8" VARIABLE SPEED DRILL

- Variable speed lets you pick the speed to suit the job.
- Use as a drill or screwdriver.
- Double reduction gearing and 3/8" chuck to handle bigger, tougher jobs.
- Exclusive recessed center locking button guards against accidental "lock-on".
- Double insulated, needs no grounding.

A good value for home or shop. Double reduction gearing and 3/8" chuck to handle bigger, tougher jobs. Ball-thrust bearing system. Drives most popular accessories and attachments. Good for no-skip hole starting. Good for drilling ceramics or metals. Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; .25 HP (Max. Motor Output); 2.3 amps; net wt 2-7/8 lbs, ship wt 3-1/2 lbs.

NEW!



7117 3/8" VARIABLE SPEED REVERSING DRILL

- Use as a drill or screwdriver.
- Variable speed lets you choose the speed to suit the job.
- Reversing switch for backing out screws and jammed drill bits.
- Exclusive recessed center locking button guards against accidental "lock-on".

- Double insulated, needs no grounding.

Double reduction gearing and larger capacity 3/8" chuck permit handling bigger, tougher jobs with ease. Equipped with ball-thrust bearing system. Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; 2.3 amps; .25 HP (Max. Motor Output); net wt 2-7/8 lbs, ship wt 3-3/8 lbs.



7154 3/8" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

- .40 HP (Max. Motor Output).
- Commercial Duty rating.
- Variable speed lets you pick the speed to suit the job.
- Reversing allows backing out screws or jammed drill bits.
- Use as a drill or screwdriver.
- Exclusive detachable cord.
- Exclusive recessed center locking button guards against accidental "lock-on".
- Double insulated, needs no grounding.

Double reduction gear system and added capacity of 3/8" chuck permit handling bigger, tougher jobs with ease. Trigger can be locked at correct speed for each job. Good for no-skip hole starting in tough materials like ceramic, tile and steel. Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; 3 amps; net wt 3-1/2 lbs, ship wt 4 lbs.



7174 3/8" REVERSING SCREWDRILL® SCREWDRIVER DRILL

- Exclusive high torque Commercial Duty 3/8" screwdriver and drill.
- Instantly converts from a drill to a screwdriver.
- Drives up to #10 wood screws or #12 self-tapping screws at full power.
- Reversing switch permits removal of screws, nuts, jammed drill bits.

As a 3/8" drill, handles bigger, tougher jobs. Good for workshop or service trades. Rugged metal housing. 1000 RPM; 2.5 amps; 120V AC; net wt 4 lbs, ship wt 4-3/8 lbs.

1/2" Drills



7230 VALUE-PLUS™ 1/2" REVERSING DRILL

- 1/3 HP (Max. Motor Output).
 - Triple reduction gearing delivers high power drilling action.
 - Reversing action for removing jammed drill bits.
 - Exclusive recessed center locking button guards against accidental "lock-on".
 - Exclusive detachable cord.
 - Double insulated, needs no grounding.
- A powerful 1/2" chuck capacity tool for big job drilling. Triple reduction gearing delivers high power drilling action. Precision ball-thrust bearing system. Compact size, lightweight and removable side handle make it easy to use. Capacity: steel 1/2", hardwood 1"; 550 RPM; 120V AC; 3 amps; net wt 4 lbs, ship wt 4-1/4 lbs.



7204 1/2" DRILL

- Compact size, lightweight, removable side handle make drill easy to use.
 - Double insulated, needs no grounding.
 - Exclusive recessed center locking button.
- A good value and a good choice for general-purpose big job drilling. Has big 1/2" chuck capacity. Equipped with ball-thrust bearing system. Capacity: steel 1/2", hardwood 1"; triple reduction gearing gives greater drilling power. 550 RPM; 120V AC; 3 amps; .25 HP (Max. Motor Output); net wt 3-13/16 lbs, ship wt 4-1/16 lbs.



7280 VALUE-PLUS™ 1/2" VARIABLE SPEED DRILL

- 1/3 HP (Max. Motor Output).
- Variable speed lets you pick the speed to suit the job.
- Exclusive detachable cord.
- Exclusive recessed center locking pin guards against accidental "lock-on".
- Use as a drill or screwdriver.
- Double insulated, needs no grounding.

The farther you pull back the trigger the more speed and torque you get. Good for no-skip hole starting in ceramics, masonry, metals. Double insulated. Precision ball-thrust bearing system. Triple reduction gearing. Removable side handle. Capacity: steel 1/2", hardwood 1"; 0 to 550 RPM; 120V AC; 3 amps; net wt 4 lbs, ship wt 4-1/8 lbs.



7254 1/2" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

- .40 HP (Max. Motor Output).
- Reversing action allows you to back out screws or jammed drill bits.
- Commercial Duty rating
- Variable speed lets you pick the speed to suit the job.
- Trigger can be locked at correct speed for each job.
- Exclusive detachable cord feature.
- Exclusive recessed center locking button guards against accidental "lock-on".
- Use as a drill or screwdriver.
- Double insulated, needs no grounding.

The farther you pull back the trigger the more speed and torque you get. Good for no-skip hole starting when drilling in ceramics, masonry, metals. Double insulated. Precision ball-thrust bearing system. Triple reduction gearing. Removable side handle. Capacity: steel 1/2", hardwood 1"; 0 - 550 RPM; 120V AC; 3 amps; net wt 4 lbs, ship wt 4-3/8 lbs.



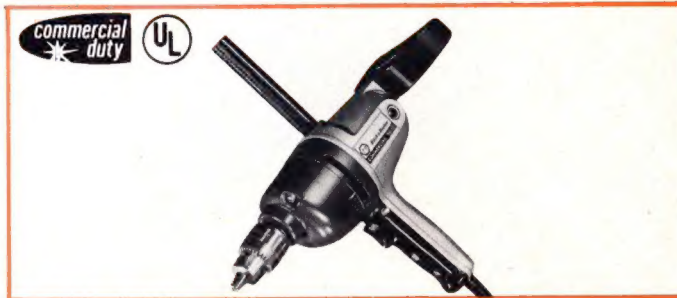
7250 1/2" REVERSING DRILL

- Commercial Duty rating.
- Double reduction gearing delivers high power drilling action.
- Reversing action for removing jammed drill bits.
- Top mounted auxiliary handle for better control.
- Removable 2-position spade handle for close-quarter work.

A good choice for home workshop drill press work. Ball-thrust bearing system. Handles the difficult jobs with ease. Rugged metal housing. Capacity: steel 1/2", hardwood 1"; 120V AC; 4.2 amps; .375 HP (Max Motor Output); 500 RPM; net wt 7-1/2 lbs, ship wt 8-7/8 lbs.



The 1/2" drills are a good choice for service tradesmen or for heavier duty use in the home where the 1/2" chuck capacity is needed.



7270 1/2" REVERSING DRILL

- Commercial Duty rating.
- Big .6 HP rating.
- Reversing action for removing jammed drill bits.
- Double reduction gearing delivers high power drilling action.
- Auxiliary top handle gives better control.
- Removable multi-position spade handle.

Truly a professional tool for the toughest jobs in the home, farm, shop and trades. Gearing and powerful motor for heavy service use, freehand or in a drill press stand. Precision ball-thrust bearing system. Ball and needle bearings at heavy load points for long life, greater drilling efficiency, smooth power flow. Capacity: steel 1/2", hardwood 1"; 120V AC; .60 HP (Max. Motor Output); 4.8 amps; 600 RPM; net wt 7-1/2 lbs, ship wt 8 lbs.

7260 1/2" DELUXE REVERSING DRILL

Same appearance and same features as No. 7270 drill, above, except .50 HP (Max. Motor Output) motor and lubricant-impregnated bearings. Capacity: steel 1/2", hardwood 1"; 120V AC; .50 HP (Max. Motor Output); 4.5 amps; 600 RPM; net wt 7-1/2 lbs, ship wt 8-3/8 lbs.

CORDLESS DRILLS Commercial-Duty CORDLESS DRILLS ... Excellent for screw driving too.

NEW!



9031 1/4" CORDLESS COMMERCIAL DUTY DRILL

Quiet, efficient, versatile. Compact to permit close-quarter work and maneuverability. Well balanced to keep arm and wrist fatigue at a minimum. 1500 RPM. Made of high impact resistant ABS plastic. Batteries recharge in 16 hours. Rechargeable a minimum of 500 times. Battery pak is not removable. Drill is non-reversing. Recharger included. Convenient built-in chuck key holder. Net wt 2-15/16 lbs.

HOW LONG WILL THE BATTERY LAST?

- Full one Year warranty.** The life of the Energy Pak containing the battery cells is guaranteed by Black & Decker for one full year from date of purchase against malfunction or defects in materials and workmanship. Simply return the Energy Pak, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station.
- The recharge capability of the interchangeable Energy Pak is a minimum of 500 times - assuring a long usable job life.
- The energy requirements of the battery and drill depend upon these variables:
 - Bit Sharpness** (High speed steel bits vs. split points vs. cutting lip sharpness.)
 - Operator Technique** (amount of axial force and trigger gunning)
 - Material Characteristics** (hardness, carbon spots, lubricity, grain structure)
 - Material Deflection** (Does the material being drilled or fastened tend to pinch the bit or screw as pressure is applied to the tool?)
 - Lubrication** (Is cutting oil being used? Does the screw being driven have a zinc or cadmium coating?)
 - Bit or Screw Configuration** (Are the screws fine or fast thread? Are auger bits the flat steel type or power bore bits?)

Variables and innumerable combinations of them make the work output of cordless power tools heavily dependent upon the application and the operator.

COMMERCIAL DUTY CORDLESS DRILL ACCESSORIES

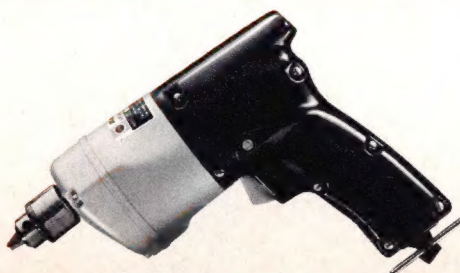


- A 91-007 16-Hour Cup Charger
- B 91-008 16 hour Battery Pak
- C 91-012 Leather Holster
- D 91-200 Replacement Chuck Key

7077 1/4" CORDLESS DRILL

- Use anywhere, anytime.
- No cords to store, nothing to plug in.
- Powered by self-contained power pack.
- Power pack fully recharges in 16 hours.

Good for on site work where availability of electric outlets is a problem or where electricity may be a hazard. A charger is included as standard equipment.



800 RPM. Net wt 3-3/8 lbs, ship wt 3-7/8 lbs.

70-777 Repl. Cordless Drill Charger. Available only at Black & Decker Service Centers.

NEW!



9081 3/8" REVERSIBLE CORDLESS COMMERCIAL DUTY DRILL

Same features as 9031, left, with the following important differences. Larger capacity 3/8" chuck to handle bigger jobs. Reversible for backing out screws and jammed drill bits. 750 RPM. Energy Pak is removable for recharging in included cup-type recharger. Net wt 3-1/8 lbs.

ABOUT HOW MUCH WORK CAN I DO?

Bearing in mind the variables, left, an operator with drill and two energy paks (charging once a day) could perform the following work tasks:

	Number of Work Cycles*		Bit or Screw Type	Material Type
	@ 1500 RPM	@ 750 RPM		
Metal	800	700	1/8" H.S.S.	.050 Aluminum
	320	250	1/8" H.S.S.	5/32" Aluminum
	75	100	1/4" H.S.S.	16 ga. CRS
Wood	150	170	3/8" Twist	2" x 4" Fir
	50	80	3/4" Spade Auger	3/4" Plywood
Screws	925	850	#6 Drill Pt.	2 sheets .050 Aluminum
	90	150	#8 Drill Pt.	2 sheets .22 ga. CRS
	200	300	#10 x 1" wood	2" Fir (with #43 Pilot Hole)

*Note: Higher speed unit generally performs work functions much faster with 1/4" and smaller bits as well as screws under #10 in size

PREMIUM + PLUS™ High Speed Steel Twist Drill Bit Sets and Bits

Surface treated flutes and margins reduce build-up when drilling soft metals.

Precision ground points, flutes, body clearance and drill diameter for fast, accurate drilling of truly round holes.

High spiral angle flutes for free cutting and better chip removal.

Special heat treated high speed steel.

Hole size is embossed on shank for permanent identification. Dimensional and element tolerances conform to U.S.A. Standard B94.11-1967.

Premium High Speed Steel plus superior techniques are combined to produce a precision, high quality twist drill bit well suited to the requirements of portable tool or drill press drilling in metal, wood and plastics. They are made in the U.S.A.

The call-outs, above, give the **LONG-LIFE, FAST-CUTTING FEATURES** that make these drill

Taper ground to prevent binding and breakage.

bits an excellent buy.

PREMIUM + PLUS High Speed Steel Twist Drill Bits are available in a wide range of sizes from 1/16" to 1". They can be bought singly or in convenient pouches, plastic or metal index cases, or the 71-015 Select-A-Drill plastic index with which you simply dial desired bit size and the bit slides out.

These twist drill bits come in the full shank design and the turned down design for drilling up to 1/2" holes using 1/4" electric

71-005 5 PC.

1/16", 3/32", 1/8", 3/16", 1/4" Premium + Plus high speed steel twist drill bits in handy plastic pouch.

drills. There are some larger twist drill bits with 1/2" full shank as well.



71-013 13 PC.

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4" Premium + Plus high speed steel twist drill bits in folding plastic case with bit sizes embossed in case for ready identification.

TWIN PACK BITS

Blister packed, 2 BITS PER PKG. Full shank. Jobber length.



CAT. #	
70-400	1/16"
70-401	5/64"
70-402	3/32"
70-404	1/8"
70-403	7/64"

SINGLE PACK BITS

Full shank. Jobber length. Blister Packed.



CAT. #			
70-405	9/64"	70-417	21/64"
70-406	5/32"	70-418	11/32"
70-408	3/16"	70-419	23/64"
70-410	7/32"	70-420	3/8"
70-412	1/4"	70-421	25/64"
70-407	11/64"	70-422	13/32"
70-409	13/64"	70-423	27/64"
70-411	15/64"	70-424	7/16"
70-413	17/64"	70-425	29/64"
70-414	9/32"	70-426	15/32"
70-415	19/64"	70-427	31/64"
70-416	5/16"	70-428	1/2"

SINGLE PACK BITS

Turned Down 1/4" Shank Blister Packed



CAT. #	
70-430	5/16"
70-432	3/8"
70-429	9/32"
70-431	11/32"
70-433	13/32"
70-434	7/16"
70-435	15/32"
70-436	1/2"

FULL SHANK BITS

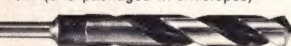
Bulk (bits packaged in envelopes)



CAT. #			
70-450	1/16"	70-464	9/32"
70-451	5/64"	70-465	19/64"
70-452	3/32"	70-466	5/16"
70-453	7/64"	70-467	21/64"
70-454	1/8"	70-468	11/32"
70-455	9/64"	70-469	23/64"
70-456	5/32"	70-470	3/8"
70-457	11/64"	70-471	25/64"
70-458	3/16"	70-472	13/32"
70-459	13/64"	70-473	27/64"
70-460	7/32"	70-474	7/16"
70-461	15/64"	70-475	29/64"
70-462	1/4"	70-476	15/32"
70-463	17/64"	70-477	31/64"
		70-478	1/2"

TURNED DOWN 1/4" SHANK BITS

Bulk (bits packaged in envelopes)



CAT. #			
70-479	9/32"	70-483	13/32"
70-480	5/16"	70-484	7/16"
70-481	11/32"	70-485	15/32"
70-482	3/8"	70-486	1/2"

71-010 10 PC.

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4" Premium + Plus high speed steel twist drill bits in folding plastic case with bit sizes embossed in case for ready identification.



71-014 13 PC.

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 1/4" Premium + Plus high speed steel twist drill bits and center punch in folding plastic case with bit sizes embossed in case for easy identification.



71-016 13 PC.

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64" and 1/4" Premium + Plus high speed steel twist drill bits in folding metal case with bit sizes embossed in case for ready identification.



71-011 10 PC.

1/4", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 15/16", 3/8", 1/2" Premium + Plus high speed steel twist drill bits in folding plastic case with bit sizes embossed in case for easy identification. *1/4" shanks.

71-015 SELECT-A-DRILL 13 PC.

12 Premium + Plus high speed steel twist drill bits and center punch in a plastic index with which you simply dial desired bit size and bit slides out. Includes 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 1/4" bits.

71-017 13 PC. TWIST DRILL & MASONRY

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4" Premium + Plus high speed steel twist drill bits; 3/16" and 1/4" masonry bits; and center punch in plastic case with bit sizes embossed in case for easy identification.

71-018 14 PC.

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 1/2" Premium + Plus high speed steel twist drill bits and center punch in plastic case with bit sizes embossed in case for ready identification. *1/4" shanks.

71-020 15 PC.

1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2" Premium + Plus high speed steel twist drill bits in folding metal case with bit sizes embossed in case for ready identification. All jobber length and all straight shank.

71-004 4 PC.

5/16", 3/8", 7/16", 1/2" Premium + Plus high speed steel twist drill bits in handy plastic pouch. All have 1/4" shanks.

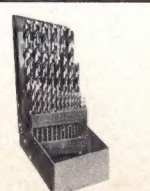
71-021 21 PC.

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", 3/8" Premium + Plus high speed steel twist drill bits in folding metal case with bit sizes embossed in case for easy identification. All jobber length and all straight shank.



71-029 29 PC.

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", 3/8", 25/64", 13/32", 27/64", 7/16", 29/64", 15/32", 31/64", 1/2" Premium + Plus high speed steel twist drill bits in folding metal case with bit sizes embossed in case for ready identification. All have jobber length and straight shanks.



1/2" SHANK BITS — INDUSTRIAL QUALITY

Bulk (bits packaged in envelopes)

Cat. #	
70-487	9/16"
70-488	5/8"
70-489	11/16"
70-490	3/4"
70-491	7/8"
70-492	1"

DRILL ACCESSORIES

U1579 DRILL ACCESSORY ASSORTMENT

Makes an electric drill more versatile. Includes wheel arbor, paint mixer, polishing bonnet, cotton buff, grinding wheel, backing pad, 9 assorted sanding discs, 3-piece drill bit set.



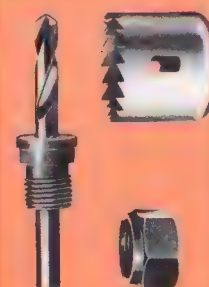
CHUCKS & KEYS

For replacement or changing the type of chuck used on your drill.

1/4" Chuck
A. 70-010—1/4" Geared Chuck & Key
3/8" Chuck
B. U1536—3/8" Geared Chuck & Key (w/U1529 Key)
1/2" Chuck
C. 70-012—1/2" Geared Chuck & Key (w/U1533 Key)
Chuck Keys Only:
U1507—1/4" Key (5/32" Pilot Shank)
U1508—1/2" Key (1/4" Pilot Shank)
U1524—1/4" & 3/8" Key (15/64" Pilot Shank)
U1529—1/4" & 3/8" Key (1/4" Pilot Shank)
U1531—3/8" & 1/2" Key (11/32" Pilot Shank)
U1533—3/8" & 1/2" Key (9/32" Pilot Shank)
70-110—1/4" Key (13/64" Pilot Shank).
Fits B&D Chucks Nos. 74288-01, 90584-01, 88753-01, 87936-01.

U1535 CHUCK KEY HOLDER

Prevent lost or mislaid chuck keys. For all drills.



HOLE SAWS

Increased Carbon Content for Longer Life. Cut clean holes in wood or compositions. Saws are interchangeable on mandrels as indicated below and will saw up to 3/4" thick material. Sizes are outside diameter of hole saw.

71-270 5/8" saw with mandrel.
U1240 Mandrel (1/4" shank). Holds 3/4" to 1-1/8" saws below
U1241 Mandrel (5/16" shank). Holds 1-1/4" to 2-1/2" saws below

U1271 3/4"	U1275 1-1/4"	U1280 1-7/8"
U1272 7/8"	U1276 1-3/8"	♦U1281 2"
U1273 1"	U1277 1-1/2"	♦U1282 2-1/8"
U1274 1-1/8"	U1278 1-5/8"	U1283 2-1/4"
	U1279 1-3/4"	♦U1284 2-1/2"

5/8" to 1-1/8" hole saws are for use with 1/4" drills; 5/8" to 1-1/2" hole saws are for 3/8" drills; 5/8" to 2-1/2" hole saws are for 1/2" drills.

MASONRY DRILL BITS

Carbide tipped for use in brick, cement, cinder block and similar masonry materials.

Cat. No.	Hole	Shank	Length
♦U1550	3/16"	15/64"	3"
♦U1551	1/4"	11/64"	4"
♦U1552	5/16"	1/4"	4"
♦U1553	3/8"	1/4"	4"
U1554	1/2"	3/8"	6"
U1555	5/8"	1/2"	6"
U1556	3/4"	1/2"	6"
U1557	1/2"	1/4"	4"



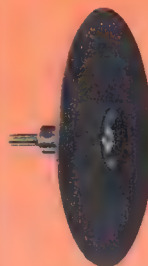
U2206 WHEEL ARBOR

For attaching grinding wheels, wire brushes and buffing wheels to most makes of 1/4" to 1/2" power drills. 1/2" diameter body. 1/4" shank.

RUBBER BACKING PAD

For attaching discs, bonnets and pads to drills. Do not use at speeds higher than 3200 rpm.

U1302 4-5/8" pad (plain shank) (Comes with 1/4" shank wheel arbor)



5" SANDING DISCS

5" Sanding Discs (pkg. of 5 each, except U1408—pkg. of 3)

U1408 24 Grit	U1411 80 grit
U1409 40 grit	U1412 120 grit
U1410 60 grit	
U1406 assortment (1 #40, 1 #60, 1 #120, 2 #80)	
71-404 assortment (8 #40, 8 #60, 9 #120)	

BUFFING WHEELS: Professional Quality

U1320 3" x 5/16" x 1/2" cotton buff
U1321 6" x 5/8" x 1/2" cotton buff
U1322 4" x 5/8" x 1/2" cotton buff



POLISHING BONNET

U1310 5" Polishing Bonnet

DRILL ACCESSORIES

79-253 CUSHIONED-ACTION POLISHING/SANDING KIT

Multi-purpose, flexible 3" flat and 3" cone shaped elastomeric wheels with imbedded aluminum oxide abrasive grit. Sands wood and fiber board; polishes and blends surfaces and edges of metal, plastics, and glass; removes rust, paint or other deposits; cleans stone, brick, tile; many other uses. Includes 79-251 3" Flat and 79-252 3" Cone Cushioned-Action Abrasive Polishing Wheels, U2206 Wheel Arbor. 3600 Max. RPM. Clamp work. Use dry. Wear eye protectors.



79-251 3" FLAT CUSHIONED-ACTION ABRASIVE POLISHING WHEEL

Flat, flexible elastomeric wheel with imbedded aluminum oxide abrasive grit. Sands, polishes, blends, cleans wood, metal, plastics, stone, brick, tile, glass. Use with U2206 Wheel Arbor. 3600 Max. RPM. Clamp work. Use dry. Wear eye protectors.

79-254 3" Flat Cushioned-Action Abrasive Polishing Wheel. Same as 79-251 except not as thick.



79-252 3" CONE CUSHIONED-ACTION ABRASIVE POLISHING WHEEL

Cone-shaped, flexible elastomeric wheel with imbedded aluminum oxide abrasive grit. Sands, polishes, blends, cleans wood, metal, stone, brick, tile, glass. 3600 Max. RPM. Clamp work. Use dry. Wear eye protectors.

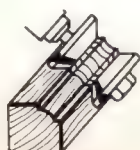


70-970 SHAPING SET

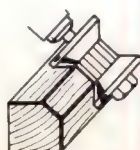
Permits three kinds of shaping cuts on wood by using 1/4" or 3/8" drills where a router would ordinarily be required. Perfect for those drill owners who don't own a router. Has exclusive rotary roller guides that eliminate friction burn on wood. Includes 1/4" corner round cutter, 1/4" beading cutter, 1/4" bevel cutter, arbor and washer guides to control position and feed. Increases versatility of drills.



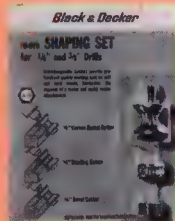
1/4" Corner Round Cutter



1/4" Beading Cutter



1/4" Bevel Cutter



79-800 DRILL BIT SHARPENER ATTACHMENT

Exclusive. Unique power drill attachment for sharpening dull or broken carbon and high speed steel twist bits on the spot (does not resharpen carbide-tipped drill bits). Accepts 11 different sizes: 1/8", 9/64", 5/32", 11/64", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8". Bits require no oil or lubricants.

Attachment fits all Black & Decker and most other makes of 1/4" and 3/8" pistol grip drills (as shown) with speeds less than 3000 RPM. (Not for use with 1/2" drills).

70-499 CENTER PUNCH

The drill accessory you need for preparing to drill in all metals, tile, Formica* and ceramics. Prevents drill bit from moving away from desired location once drilling starts.

*Trademark of American Cyanamid Co.



U1450 POLISHING AND SANDING KIT

All you need for sanding and polishing with portable electric drills. Includes: wheel arbor, rubber backing pad, polishing bonnet, 6 assorted sanding discs.



U1382 VARIABLE SPEED SCREWDRIVER BIT AND SOCKET SET

Perfect for use with Variable Speed Drills and U1011 and U1930 Screwdriving Attachments. Includes 1 U1373 #1 Phillips bit, 1 U1374 #2 Phillips bit, 1 U1376 slotted screwdriver bit with finder for screw sizes 6 to 8, 1 U1377 slotted screwdriver bit with finder for screw sizes 8 to 10, 1 U1379 7-Piece Socket Set consisting of 3/16", 1/4", 9/32", 5/16", 11/32", 3/8" sockets (all 1/4" sq. drive) and 1/4" sq. drive socket adaptor.



U1930 SCREW DRIVING ATTACHMENT

No more tiresome hand screw driving. Attachment fits most drills. Includes U1377 Screwdriver Bit with Finder for #8 to #10 slotted screws. Can be used with Nos. U1373 to U1375 Phillips Head Screwdriver Bits, Nos. U1376 and U1378 slotted Screwdriver Bits with Finders and U1379 7-Piece Socket Set.

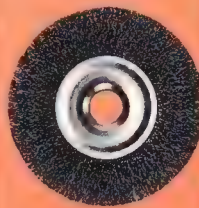


U1011 Heavy-Duty Screw Driving Attachment

PHILLIPS SCREWDRIVER BITS

Perfect for use with Variable Speed Drills and U1930 or U1011 Screwdriving Attachments.

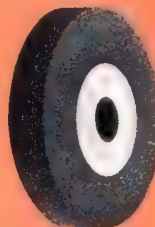
- U1373 #1 Phillips Screwdriver Bit
- U1374 #2 Phillips Screwdriver Bit
- U1375 #3 Phillips Screwdriver Bit



SLOTTED SCREWDRIVER BIT with FINDER

Ideal for use with Variable Speed Drills and U1011 and U1930 Screwdriving Attachments.

- U1376 For screw sizes nos. 6-8
- U1377 For screw sizes nos. 8-10
- U1378 For screw sizes nos. 10-12



U1379 7-PIECE SOCKET SET

Perfect for use with Variable Speed Drills and U1011 and U1930 Screwdriving Attachments. Includes 3/16", 1/4", 9/32", 5/16", 11/32", 3/8" sockets (all 1/4" sq. drive) and 1/4" sq. drive socket adaptor.



DELUXE WIRE WHEEL BRUSHES

1/2" arbor hole. Use U2206 Wheel Arbor with 4" and smaller brushes. 5000 Maximum RPM.

- | | | |
|--------|-----------|--------------------|
| Deluxe | | |
| 70-132 | 3" Coarse | ♦ 70-143 4" Fine |
| 70-133 | 3" Fine | ♦ 70-142 4" Coarse |

GRINDING & SHARPENING WHEELS

79-250 2" x 1/2" x 1/2" medium. 6220 Max. RPM.

79-520 2-1/4" diam. Replacement grinding wheel for Drill Bit Sharpener. 3500 Max. RPM.

U2106 SAFETY GLASSES

Lightweight, one-piece, impact resistant, clear plastic safety glasses with side shields. Can be worn directly over eyes or over prescription glasses. Comfortable.



U1509 PAINT MIXER

A highly efficient and fast way to mix paint. Stirs up to a gallon can. Fits most makes and sizes of power drills.



WIRE CUP BRUSHES

5000 Maximum RPM.

- 70-112 1-1/2" Fine Wire Cup Brush
- 70-111 1-1/2" Coarse Wire Cup Brush
- 70-114 2-1/2" Fine Wire Cup Brush
- 70-113 2-1/2" Coarse Wire Cup Brush
- 70-115 3" Coarse Wire Cup Brush



EXTENSION CORDS

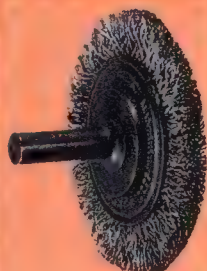
16 gauge with tough vinyl insulation. Easily visible orange color. 3-wire round cable for tools requiring ground. 2-wire cable for all double insulated tools. Female plug molded to fit directly into B&D tools with detachable cord feature, also fits other tools. UL listed for indoor and outdoor use.

- | | | |
|--------|------|-------------------|
| 79-995 | 15' | 16/3 (three wire) |
| 79-994 | 25' | 16/3 (three wire) |
| 88-050 | 50' | 16/3 (three wire) |
| 88-100 | 100' | 16/3 (three wire) |
| 88-052 | 50' | 16/2 (two wire) |
| 88-102 | 100' | 16/2 (two wire) |
| 79-996 | 6' | 16/2 (two wire) |

WIRE WHEEL BRUSHES

1/4" shank. Mounts quickly, easily in drill chuck. Eliminates cost and bother of wheel arbor. Standard quality. 5000 Maximum RPM.

- | | |
|------------------|------------------|
| 70-120 2" Coarse | 70-131 3" Fine |
| 70-121 2" Fine | 70-140 4" Coarse |
| 70-130 3" Coarse | 70-141 4" Fine |



89-000 CORD STORAGE REEL

Lightweight, portable unit holds 150 ft. 16/3 gauge extension cord.

DRILL ACCESSORIES

VERTICAL DRILL STANDS

Convert portable drills to accurate drill press for precision bench work. Sturdy steel construction. Drill can be mounted or removed in seconds.

71-100 1/4" and 3/8" Vertical Drill Stand. Fits all B&D 1/4" and 3/8" electric drills.

U2301 Vertical Drill Stand. For use with 7250, 7260, 7270 B&D drills. Will not fit 7240, 7205, 7210, 7204, 7214, 7254, 7280, 7230 drills.

72-100 UNIVERSAL HORIZONTAL DRILL STAND

Frees both hands to hold work when grinding, sanding, etc. Fits all B&D and most other makes of 1/4" and 3/8" electric drills.

70-200 RIGHT ANGLE ATTACHMENT

Operates at right angles to drill. Fits all B&D and most other makes of 1/4" and 3/8" drills. Doubles or halves RPM depending upon which end is connected.

U1021 RIGHT ANGLE ATTACHMENT

Fits all B&D 1/4" or 3/8" drills or other drills with 3/8" - 24 spindle thread. Operates at right angle to drill. Doubles or halves RPM depending upon end connected to drill.

ROTARY RASPS

For shaping edges of all types of wood, plastic, compositions. Fit chucks of most 1/4" or 3/8" power drill. 1/4" shanks.

70-950 Cylindrical Rotary Rasp

70-951 Cylindrical Domed Rotary Rasp

70-953 Spherical Rotary Rasp

70-952 Conical Rotary Rasp

ROTARY FILES

For shaping metal. Fit chucks of most 1/4" and 3/8" power drills. 1/4" shanks.

70-961 Conical Rotary file

70-960 Cylindrical Rotary file

70-959 ROTARY RASP AND FILE SET

Two versatile accessories for your electric drill. 70-950 Cylindrical Rotary Rasp for shaping the edges of all types of wood, plastic, composition, plus 70-960 Cylindrical Rotary file for shaping metals.

71-003 3-PIECE CHROME VANADIUM DRILL BIT SET

1/8", 3/16", 1/4" bits. Chrome vanadium plated to keep bits sharper longer. Use to drill wood, plastic, compositions.

POWER BITS

Cut hard or soft wood. Will cut through ordinary nails or screws. Can be resharpened. Have long life. For use in any electric drill except those over 3200 RPM.

U1661 3/8" **U1664** 5/8" **U1667** 13/16"

U1662 1/2" **U1665** 11/16" **U1668** 7/8"

U1663 9/16" **U1666** 3/4" **U1669** 1"

U1660 12" Power Bit Extension

U1670 6-PIECE POWER BIT SET

For boring holes in wood. 3/8", 1/2", 5/8", 3/4", 7/8", 1". Use in portable electric drills or drill presses. In plastic pouch.

U1588 SCREWDRILL AND COUNTERSINK SET

Five screw drills that drill proper size holes for screw threads and screw body. Makes it easier to turn screw in wood. Eliminates wood splitting. Countersinks screw head to proper depth for neat appearance. Includes 5/8" (for nos. 4 & 5 screws), 3/4" (for nos. 6 & 7 screws), 1" (for nos. 8 & 9 screws), 1-1/4" (for nos. 8 & 9 screws), 1-1/2" (for nos. 10 & 12 screws). 1/4" shank fits all portable drills.

ADJUSTABLE COUNTERSINK AND SCREW PILOTS

Performs 5 jobs in one operation: drills any pre-set depth for correct length automatically, drills hole for screw threads, drills hole for screw body, countersinks for screw head, counterbores for putty or plug. For use in wood or composition. Fits any power drill or hand drill. 1/4" shanks.

U1592 For nos. 5, 6, 7 wood screws

U1593 For nos. 7, 8, 9 wood screws

U1594 For nos. 9, 10, 11 wood screws

U1595 For nos. 11, 12, 14 wood screws

DRILL STOPS

Finger tightens at any position on drill bit to prevent drilling too deeply. Fine for cabinet work, masonry bits, etc. Made of plastic.

U1577 For 1/16" to 1/4" bits

U1578 For 1/4" to 1/2" bits

70-935 FLEXIBLE SHAFT

Good for sanding, buffing, grinding, polishing, forming, drilling in restricted areas. 1/4" shank fits any 1/4" or 3/8" electric drill. Included 1/4" female chuck accepts drill bits or wheel arbor for attachments. 40" flexible shaft. Shaft is replaceable.

U1584 1/2" CARBON STEEL RASP AND COUNTER-SINK

Makes countersink holes up to 1/2" diameter in wood and compositions. Can also be used as a rasp for material removal along edges of wood and compositions. 1/4" shank.

PERCUSSION CARBIDE BITS

The least expensive bit per hole drilled when compared with star drills or diamond bits, provided they are kept sharp. See your B&D dealer or B&D Service Center for expert bit sharpening.

Cat. No.	Bit Diam.	Usable Drilling Depth
U51060	1/4"	4-1/4"
U55573	5/16"	2-7/8"
U55574	3/8"	2-3/4"
U55577	1/2"	4-7/16"

71-006 MASONRY DRILL BIT SET

Five carbide-tipped masonry drill bits for drilling cement, brick, cinder block and similar masonry materials. Includes U1550 3/16", U1551 1/4", U1522 5/16", U1553 3/8", U1557 1/2" in folding plastic case.

70-210 RIGHT ANGLE POLISHING KIT

Lets you polish or sand at any angle with portable electric drills. Includes: 70-200 Right Angle Attachment, polishing bonnet, 6 assorted sanding discs, rubber backing pad, wheel arbor.

SCREW EXTRACTOR SETS

Removes screws and bolts with broken or damaged heads. Screw Extractor Set consists of a drill bit and an extractor.

Cat. No.	For Screws & Bolts with head diams.	Drill Bit Extractor	
		Size	No.
70-500	3/16" to 1/4"	5/64"	1
70-501	1/4" to 5/16"	7/64"	2
70-502	5/16" to 7/16"	5/32"	3
70-503	7/16" to 9/16"	1/4"	4
70-504	9/16" to 3/4"	17/64"	5

70-505 SCREW EXTRACTOR SET

Five Screw Extractors (Nos. 1, 2, 3, 4, 5) that remove screws and bolts with broken or damaged heads with head diameters from 3/16" to 3/4". Extractors are used with your drill bits: 5/64", 7/64", 5/32", 1/4", 17/64". In plastic pouch.

71-372 DOUBLE END SCREWDRIVER BIT SET

Versatile screwdriver bits. Two are included. One has tip for driving #1 Phillips head screws. The other end is for #6 to #8 slotted head screws. The second bit has tip for #12 Phillips head screws with other end for #10 to #12 slotted head screws. Good for use with variable speed drills and U1930 and U1011 Screwdriving Attachments.

MOLDED PLASTIC CARRYING CASES

Holds drill and accessories. Custom-fitted plastic case.

71-916 Accepts B&D drills 7040, 7140, 7010, 7000, 7020, 7120, 7110, 7100.

71-917 Accepts B&D drills 7005, 7024, 7124, 7109, 7054, 7154, 7030, 7130, 7080, 7180, 7090, 7190, 7014, 7004, 7114, 7104.

U2252 POWER TOOL CARRYING CASE

Sturdy steel. Good for carrying drills, jig saws, finishing sanders and accessories. Keeps everything handy.

CORD CONNECTORS

Holds extension cords firmly to cord set of tool or holds two extension cords together.

U3305 Rigid Molded Plastic

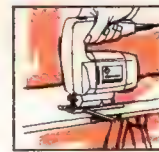
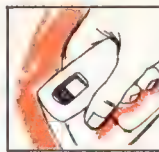
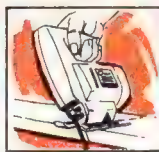
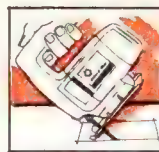
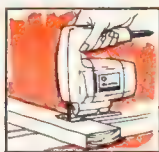
U3339 Flexible Plastic

Numerical list of Drill Accessories

- U1021 Right Angle Attachment
- ◆ U1240 1/4" Shank Mandrel (for 3/4" - 1-1/8" H.S.)
- ◆ U1241 5/16" Shank Mandrel (for 1-1/4" - 2-1/2" H.S.)
- U1271 3/4" Hole Saw
- U1272 7/8" Hole Saw
- ◆ U1273 1" Hole Saw
- U1274 1-1/8" Hole Saw
- ◆ U1275 1-1/4" Hole Saw
- U1276 1-3/8" Hole Saw
- ◆ U1277 1-1/2" Hole Saw
- U1278 1-5/8" Hole Saw
- U1279 1-3/4" Hole Saw
- U1280 1-7/8" Hole Saw
- ◆ U1281 2" Hole Saw
- ◆ U1282 2-1/8" Hole Saw
- U1283 2-1/4" Hole Saw
- ◆ U1284 2-1/2" Hole Saw
- ◆ U1302 5" Pad (Plain Shank)
- ◆ U1310 5" Polishing Bonnet
- ◆ U1320 3" x 3/8" x 1/2" Cotton Buff
- ◆ U1321 6" x 5/8" x 1/2" Cotton Buff
- ◆ U1322 4" x 5/8" x 1/2" Cotton Buff
- U1339 Extension Cord Connector
- ◆ U1373 #1 Phillips Screwdriver Bit
- ◆ U1374 #2 Phillips Screwdriver Bit
- ◆ U1375 #3 Phillips Screwdriver Bit
- ◆ U1376 Slot Screwdriver Bit w/Finder Size #6-8
- ◆ U1377 Slot Screwdriver Bit w/Finder Size #8-10
- ◆ U1378 Slot Screwdriver Bit w/Finder Size #10-12
- ◆ U1379 7-Piece Socket Set
- ◆ U1382 Vari-Speed Screwdriver Bit & Socket Set
- ◆ U1406 5" Sanding Disc Assortment (Pkg. of 5)
- ◆ U1408 5" Discs, 24 Grit (Pkg. of 3)
- ◆ U1409 5" Discs, 40 Grit (Pkg. of 5)
- ◆ U1410 5" Discs, 60 Grit (Pkg. of 5)
- ◆ U1411 5" Discs, 80 Grit (Pkg. of 5)
- ◆ U1412 5" Discs, 120 Grit (Pkg. of 5)
- ◆ U1450 Polishing and Sanding Kit
- ◆ U1507 1/4" Chuck Key (5/32" Pilot Shank)
- ◆ U1508 1/2" Chuck Key (1/4" Pilot Shank)
- ◆ U1509 Paint Mixer
- ◆ U1524 1/4" x 3/8" Chuck Key (15/64" Pilot Shank)
- ◆ U1529 1/4" x 3/8" Chuck Key (1/4" Pilot Shank)
- ◆ U1531 3/8" x 1/2" Chuck Key (11/32" Pilot Shank)
- ◆ U1533 3/8" x 1/2" Chuck Key (9/32" Pilot Shank)
- ◆ U1535 Universal Chuck Key Holder
- ◆ U1536 3/8" Geared Chuck & Key
- ◆ U1550 3/16" x 3" Masonry Bit
- ◆ U1551 1/4" x 4" Masonry Bit
- ◆ U1552 5/16" x 4" Masonry Bit
- ◆ U1553 3/8" x 4" Masonry Bit
- U1554 1/2" x 6" Masonry Bit
- U1555 5/8" x 6" Masonry Bit
- U1556 3/4" x 6" Masonry Bit
- U1557 1/2" x 4" Masonry Bit
- U1577 1/4" Capacity Drill Stop
- U1578 1/4" to 1/2" Drill Stop
- ◆ U1579 Drill Accessory Assortment
- U1584 1/2" Carbon Steel Rasp & Countersink
- ◆ U1588 Screw Drill & Countersink Set
- U1592 #6 Adj. Countersink & Screw Pilot
- U1593 #8 Adj. Countersink & Screw Pilot
- U1594 #10 Adj. Countersink & Screw Pilot
- U1595 #12 Adj. Countersink & Screw Pilot
- U1660 12" Power Bit Extension
- U1661 3/8" High Speed Steel Power Bit
- U1662 1/2" High Speed Steel Power Bit
- U1663 9/16" High Speed Steel Power Bit
- U1664 5/8" High Speed Steel Power Bit
- U1665 11/16" High Speed Steel Power Bit
- U1666 3/4" High Speed Steel Power Bit
- U1667 13/16" High Speed Steel Power Bit
- U1668 7/8" High Speed Steel Power Bit
- U1669 1" High Speed Steel Power Bit
- U1670 6 pc. Power Bit Set
- ◆ U1930 Screwdriver Attachment
- ◆ U2106 Safety Glasses
- ◆ U2206 1/2" Dia. Wheel Arbor (1/4" shank)
- U2252 Power Tool Steel Carrying Case
- U2301 1/2" Bench Stand (Vertical)
- U3305 Extension Cord Connector
- 70-012 1/2" Drill Chuck & Key
- ◆ 70-110 1/4" Chuck Key
- ◆ 70-111 1-1/2" Coarse Wire Cup Brush
- 70-112 1-1/2" Fine Wire Cup Brush
- ◆ 70-113 2-1/2" Coarse Wire Cup Brush
- 70-114 2-1/2" Fine Wire Cup Brush
- 70-115 3" Coarse Wire Cup Brush
- 70-120 2" Coarse Wire Wheel Brush, 1/4" Shank
- 70-121 2" Fine Wire Wheel Brush, 1/4" Shank
- ◆ 70-130 3" Coarse Wire Wheel Brush, 1/4" Shank
- ◆ 70-131 3" Fine Wire Wheel Brush, 1/4" Shank
- 70-132 3" Deluxe Coarse Wire Wheel Brush
- 70-133 3" Deluxe Fine Wire Wheel Brush
- ◆ 70-140 4" Coarse Wire Wheel Brush, 1/4" Shank
- 70-141 4" Fine Wire Wheel Brush, 1/4" Shank
- ◆ 70-142 4" Deluxe Coarse Wire Wheel Brush
- ◆ 70-143 4" Deluxe Fine Wire Wheel Brush
- 70-200 Right Angle Attachment
- 70-210 Right Angle Sanding & Polishing Kit
- ◆ 70-400 1/16" H.S.S. Twist Drill Bit (pkg. of 2)
- ◆ 70-401 5/64" H.S.S. Twist Drill Bit (pkg. of 2)
- ◆ 70-402 3/32" H.S.S. Twist Drill Bit (pkg. of 2)
- ◆ 70-403 7/64" H.S.S. Twist Drill Bit (pkg. of 2)
- ◆ 70-404 1/8" H.S.S. Twist Drill Bit (pkg. of 2)
- ◆ 70-405 9/64" H.S.S. Twist Drill Bit
- ◆ 70-406 5/32" H.S.S. Twist Drill Bit
- 70-407 11/64" H.S.S. Twist Drill Bit
- ◆ 70-408 3/16" H.S.S. Twist Drill Bit
- 70-409 13/64" H.S.S. Twist Drill Bit
- ◆ 70-410 7/32" H.S.S. Twist Drill Bit
- 70-411 15/64" H.S.S. Twist Drill Bit
- ◆ 70-412 1/4" H.S.S. Twist Drill Bit
- 70-413 17/64" H.S.S. Twist Drill Bit
- 70-414 9/32" H.S.S. Twist Drill Bit
- 70-415 19/64" H.S.S. Twist Drill Bit
- 70-416 5/16" H.S.S. Twist Drill Bit
- 70-417 21/64" H.S.S. Twist Drill Bit
- 70-418 11/32" H.S.S. Twist Drill Bit
- 70-419 23/64" H.S.S. Twist Drill Bit
- 70-420 3/8" H.S.S. Twist Drill Bit
- 70-421 25/64" H.S.S. Twist Drill Bit
- 70-422 13/32" H.S.S. Twist Drill Bit
- 70-423 27/64" H.S.S. Twist Drill Bit
- 70-424 7/16" H.S.S. Twist Drill Bit
- 70-425 29/64" H.S.S. Twist Drill Bit
- 70-426 15/32" H.S.S. Twist Drill Bit
- 70-427 31/64" H.S.S. Twist Drill Bit
- 70-428 1/2" H.S.S. Twist Drill Bit
- 70-429 9/32" H.S.S. Twist Drill Bit
- ◆ 70-430 5/16" H.S.S. Twist Drill Bit
- 70-431 11/32" H.S.S. Twist Drill Bit
- ◆ 70-432 3/8" H.S.S. Twist Drill Bit
- 70-433 13/32" H.S.S. Twist Drill Bit
- 70-434 7/16" H.S.S. Twist Drill Bit
- 70-435 15/32" H.S.S. Twist Drill Bit
- 70-436 1/2" H.S.S. Twist Drill Bit
- 70-450 1/16" H.S.S. Twist Drill Bit
- 70-451 5/64" H.S.S. Twist Drill Bit
- 70-452 3/32" H.S.S. Twist Drill Bit
- 70-453 7/64" H.S.S. Twist Drill Bit
- 70-454 1/8" H.S.S. Twist Drill Bit
- 70-455 9/64" H.S.S. Twist Drill Bit
- 70-456 5/32" H.S.S. Twist Drill Bit
- 70-457 11/64" H.S.S. Twist Drill Bit
- 70-458 3/16" H.S.S. Twist Drill Bit
- 70-459 13/64" H.S.S. Twist Drill Bit
- 70-460 7/32" H.S.S. Twist Drill Bit
- 70-461 15/64" H.S.S. Twist Drill Bit
- 70-462 1/4" H.S.S. Twist Drill Bit
- 70-463 17/64" H.S.S. Twist Drill Bit
- 70-464 9/32" H.S.S. Twist Drill Bit
- 70-465 19/64" H.S.S. Twist Drill Bit
- 70-466 5/16" H.S.S. Twist Drill Bit
- 70-467 21/64" H.S.S. Twist Drill Bit
- 70-468 11/32" H.S.S. Twist Drill Bit
- 70-469 23/64" H.S.S. Twist Drill Bit
- 70-470 3/8" H.S.S. Twist Drill Bit
- 70-471 25/64" H.S.S. Twist Drill Bit
- 70-472 13/32" H.S.S. Twist Drill Bit
- 70-473 27/64" H.S.S. Twist Drill Bit
- 70-474 7/16" H.S.S. Twist Drill Bit
- 70-475 29/64" H.S.S. Twist Drill Bit
- 70-476 15/32" H.S.S. Twist Drill Bit
- 70-477 31/64" H.S.S. Twist Drill Bit
- ◆ 70-478 1/2" H.S.S. Twist Drill Bit
- 70-479 9/32" H.S.S. Twist Drill Bit
- 70-480 5/16" H.S.S. Twist Drill Bit
- 70-481 11/32" H.S.S. Twist Drill Bit
- 70-482 3/8" H.S.S. Twist Drill Bit
- 70-483 13/32" H.S.S. Twist Drill Bit
- 70-484 7/16" H.S.S. Twist Drill Bit
- 70-485 15/32" H.S.S. Twist Drill Bit
- 70-486 1/2" H.S.S. Twist Drill Bit
- 70-487 9/16" H.S.S. Twist Drill Bit
- 70-488 5/8" H.S.S. Twist Drill Bit
- 70-489 11/16" H.S.S. Twist Drill Bit
- 70-490 3/4" H.S.S. Twist Drill Bit
- 70-491 7/8" H.S.S. Twist Drill Bit
- 70-492 1" H.S.S. Twist Drill Bit
- ◆ 70-499 Center Punch
- 70-500 #1 Screw Extractor Set, 5/64" Drill Bit
- 70-501 #2 Screw Extractor Set, 7/64" Drill Bit
- 70-502 #3 Screw Extractor Set, 5/32" Drill Bit
- 70-503 #4 Screw Extractor Set, 1/4" Drill Bit
- 70-504 #5 Screw Extractor Set, 17/64" Drill Bit
- 70-505 Screw Extractor Set, Nos. 1,2,3,4,5 Extractors
- 70-935 40" Flexible Shaft
- 70-950 Cylindrical Rotary Rasp, 1/4" shank
- 70-951 Cylindrical Domed Rotary Rasp, 1/4" shank
- 70-952 Conical Rotary Rasp, 1/4" shank
- 70-953 Spherical Rotary Rasp, 1/4" shank
- 70-959 Rotary Rasp and File Set
- 70-960 Cylindrical Rotary File, 1/4" shank
- 70-961 Conical Rotary File, 1/4" shank
- ◆ 70-970 Shaping Set
- 71-003 3-pc. Chrome Vanadium Drill Bit Set
- 71-004 4-pc. Drill Bit Set
- ◆ 71-005 5-pc. Drill Bit Set
- 71-006 Masonry Drill Bit Set
- 71-007 7-pc. Drill Bit Set
- 71-010 10-pc. Drill Bit Set
- 71-011 10-pc. Drill Bit Set
- ◆ 71-013 13-Pc. Drill Bit Set
- 71-014 13-pc. Drill Bit Set w/Center Punch
- 71-015 Select-A-Drill w/Center Punch
- 71-016 13-pc. Drill Bit Set
- 71-017 13-pc. Drill Bit Set w/Center Punch
- 71-018 14-pc. Drill Bit Set w/Center Punch
- 71-019 14-pc. Drill Bit Set
- 71-020 15-pc. Drill Bit Set
- 71-021 21-pc. Drill Bit Set
- 71-029 29-pc. Drill Bit Set
- 71-100 1/4" & 3/8" Vertical Drill Stand
- 71-270 5/8" Hole Saw w/Mandrel
- 71-372 Double End Screwdriver Set
- 71-404 25-pc. 5" Sanding Disc Assortment
- 71-916 Drill Kit Box
- 71-917 Double Insulated Drill Carrying Case
- 71-990 Drill Caddy
- 72-100 Universal Horizontal Drill Stand
- ◆ 79-250 2" Medium Grit Grinding Wheel
- ◆ 79-251 3" Flexible Flat Polishing Wheel
- ◆ 79-252 3" Flexible Cone Polishing Wheel
- ◆ 79-253 Sanding/Polishing Kit
- 79-254 2" Flexible Polishing Wheel
- 79-520 Repl. Grinding Wheel for 7980
- ◆ 79-800 Drill Bit Sharpener Attachment
- 79-994 25' Extension Cord
- 79-995 15' Extension Cord
- NEW** 79-996 6' Cord Set
- 88-050 50' 16 Ga. 3-Wire Extension Cord
- 88-052 50' 16 Ga. 2-Wire Extension Cord
- 88-100 100' 16 Ga. 3-Wire Extension Cord
- 88-102 100' 16 Ga. 2-Wire Extension Cord
- 89-000 Standard Cord Reel

JIG SAWS

Jig Saw Buying Guide



Small and easy to handle, the jig saw is actually a variety of cutting tools in one when used with the proper blades. It will crosscut a 2 x 4, a rafter, or even a 4 x 4 with a 6" blade, it will cut curves or scroll work in plywood, metal, composition or plastic panels. Because of its compact size and light weight, it can easily be used for cut outs in finished walls or ceilings for electrical outlets or fixtures or openings for pipes and basins in bathrooms or kitchen tops. In these cut outs it will make its own starting hole.

To select the proper jig saw, first determine its probable use. The higher horsepower models should be chosen for heavier duty or continuous use. Other options to consider are two speed switches, variable speed switches, and tilting shoe models.

TILTING SHOE MODELS produce straight or curved bevel cuts with accuracy, and allow compound mitre cuts often impossible to match with hand saws.

SPEED CONTROL SWITCHES allow the user to select the speed to suit the job and the material. This affords the greatest cutting efficiency and prolongs saw blade life. Two-speed saws let you choose low or high speeds. Variable speed jig saws let you vary the speed from zero to top cutting speed or preset the switch at any speed selected. The variable speed jig saw, in addition to letting you select the proper speed for each job, also has the advantage of letting you slow the saw down on tight corners and then speed up on straight cuts. The speed can be adjusted while cutting. High speeds are used for cutting wood and compositions, low speeds for metal and plastics ... thus the harder the material the slower the speed used.

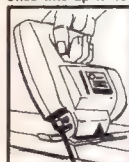
Speed control switches can be the slide type, located on top of the handle; or the trigger type located under the handle. The farther forward you push the slide switch, the faster the speed; with the trigger switch, the farther back you pull it, the faster the speed.

LOCKING BUTTONS permit you to lock the trigger at full, low, or intermediate speeds, depending upon the model jig saw selected. This eliminates having to hold the trigger while cutting.

All but one Black & Decker jig saws accept rip fences which permit rip cuts without using penciled guide lines. In addition to guiding a jig saw along a straight line a rip fence can be used for cutting circles up to 12" in diameter.

The complete line of jig saw blades permits cutting of wood, metal, plastic, composition board, plaster and leather. (See page 18.)

Shoe tilts up to 45° for bevel and compound mitre cuts.



7580 **VALUE-PLUS™** VARIABLE SPEED JIG SAW

- 1/3 HP (Max. Motor Output).
- Variable speed control on handle lets you pick the exact speed to suit the job and material.
- Calibrated tilting shoe for bevel and compound mitre cuts.
- Accepts optional U2151 Combination Rip Fence and Circle

- Guide.
 - Double insulated, needs no grounding.
- A great choice for all-purpose use. Easier pocket cutting. Better control. Includes wood cutting blade. Capacity: hardwood 1", softwood 2"; infinite settings 0 to 3200 SPM; 3 amps; 120V AC; net wt 3-1/4 lbs, ship wt 3-1/2 lbs.



Shoe tilts up to 45° for bevel and compound mitre cuts.



7530 **VALUE-PLUS™** TWO-SPEED JIG SAW

- 1/3 HP (Max. Motor Output).
- Two speeds let you choose the better speed to suit the job.
- Calibrated tilting shoe for bevel and compound mitre cuts.
- Accepts optional U2151 Combination Rip Fence and Circle Guide.

- Double insulated, needs no grounding.
- High speed for wood and compositions, low speed for metal and plastics. Includes wood cutting blade. Capacity: hardwood 1", softwood 1-1/2"; high speed 3200 SPM; low speed 2500 SPM; 3 amps; net wt 3-1/4 lbs, ship wt 3-1/2 lbs.

JIG SAWS and ACCESSORIES

2



7504 JIG SAW

- Makes straight, curved and scroll cuts in wood, metal, plastics and other materials.
- Double insulated, needs no grounding.
- Accepts optional U2151 Combination Rip Fence and Circle Guide.

This versatile time-saver does innumerable jobs around the home and in the workshop. Includes wood cutting blade. Capacity: hardwood 1", softwood 1-1/2"; 3200 SPM; 120V AC; 2.1 amps; .20 HP (Max. Motor Output); net wt 3 lbs, ship wt 3-1/4 lbs.

NEW!



7527 VARIABLE SPEED JIG SAW

- Slide control on handle lets you pick the exact speed to suit the job and material.
- Calibrated tilting shoe for bevel and compound mitre cuts.
- Accepts optional U2151 Combination Rip Fence and Circle Guide.

• Double insulated, needs no grounding. For all-purpose use. Easier pocket cutting. Better control. Includes wood cutting blade. Capacity: hardwood 1", softwood 2"; infinite setting 0 to 3200 SPM; 2.5 amps; .25 HP (Max. Motor Output); 120V AC; net wt 3-1/4 lbs, ship wt 3-1/2 lbs.



7560 DELUXE VARIABLE SPEED JIG SAW

- Variable speed lets you pick the speed to suit the job and material.
- Better control, easier pocket cutting.
- Accepts optional U2151 Combination Rip Fence and Circle

Guide. A rugged saw for all-purpose use. Handsome aluminum housing. Capacity: hardwood 1", softwood 2"; infinite settings to 3000 SPM; .33 HP (Max. Motor Output); 3 amps; 120V AC; net wt 4-1/4 lbs, ship wt 5 lbs.



U1339 SELECT-A-BLADE JIG SAW BLADE ASSORTMENT

15 Jig Saw Blades in handy Select-A-Blade plastic package. Chart on back gives proper blade for each job. Simply dial the "key letter" on the front, tilt the holder and the desired blade drops out. Includes: 12 wood cutting blades (2 each of U1350 and U1351, 1 each of U1362, U1363, U1364, U1344, U1347, U1348, U1349, U1368), 2 metal cutting blades (U1354, U1355) and U1365 knife blade.



75-600 JIG SAW BLADE ASSORTMENT

Assortment of most-used blades in handy plastic pouch. Includes 6 blades: 1 U1350 coarse wood cutting, 1 U1351 fine wood cutting, 1 U1354 coarse metal cutting, 1 U1355 fine metal cutting, 1 U1362 hollow ground plywood cutting, 1 U1368 scroll cutting.



U1337 SELECT-A-BLADE JIG SAW BLADE ASSORTMENT

10 Jig Saw Blades in handy Select-A-Blade plastic package. Chart on back gives proper blade for each job. Simply dial the "key letter" on the front, tilt holder and desired blade drops out. Includes: 6 wood cutting blades (U1348, U1350, U1351, U1362, U1363, U1368), 3 metal cutting blades (1 U1354, 2 U1355), U1346 plaster cutting blade.



U2151 COMBINATION RIP FENCE & CIRCLE CUTTING GUIDE

Permits ripping without a penciled guide line and circle cutting with 7504, 7530, 7580, 7560 Jig Saws. Fits former models 7514, 7524, 7538, 7537, 7517, 7515, 7545, 7535.

U2252 STEEL CARRYING CASE

Sturdy steel construction. Holds a jig saw, drill or finishing sander. Keeps tools handy and protected. Plenty of room for tool and accessories.

75-918 JIG SAW CARRYING CASE

Molded plastic. Holds rip fence and blade pouch with extra blades. Accepts B&D 7504, 7514, 7530, 7580, 7524 jig saws.

75-917 DELUXE JIG SAW CARRYING CASE

For carrying 7560, 7537 and 7538 jig saws. Holds extra blades and rip fence.

75-250 TWIN-PACK JIG SAW BLADES

One of 6 packages containing 2 jig saw blades at a substantial saving over buying separately. See page 18 for other Twin-Packs.

NUMERICAL LISTING OF JIG SAW ACCESSORIES

♦ Denotes most popular accessories

- ♦ U1337 Dial-A-Blade
- U1339 Jig Saw Blade Assortment
- ♦ U2151 Rip Fence for all jig saws except 7510
- U2252 Power Tool Steel Carrying Case
- ♦ 75-250 Pkg. of 2 Coarse Tooth Wood Cutting Jig Saw Blades
- ♦ 75-600 Jig Saw Blade Assortment
- ♦ 75-917 Deluxe Jig Saw Carrying Case
- 75-918 Jig Saw Carrying Case

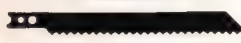
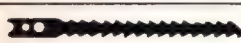
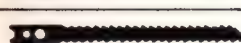
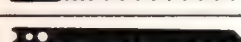
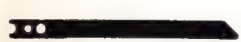
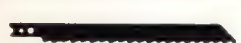
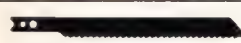
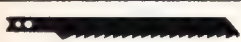
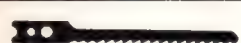
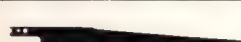
JIG SAW BLADES

Jig Saw Blade Selection Guide

Quality blades recommended for use on Black & Decker Jig Saws. Will also fit Toastmaster, Millers Falls, Penncraft, Ram, Sears Craftsman, Shopmate, Shopcraft, Skil, Thor, Stanley, Wards and most other makes of jig and sabre saws.

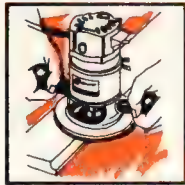
♦ Denotes most popular blades

TWIN-PACK

	Blade Type	Cat. No.	Description of Blade and Use	Type of Cut	Speed of Cut	Blade Length	Teeth per Inch
	Flush Cutting	U1344	Hard or soft wood over 1/4" thick. Blade material: High carbon steel. Set teeth for fast cutting.	Rough	Fast	3"	7
	Plaster Cutting	U1346	Special V-Tooth design provides constant abrading action which is most effective in cutting plaster, masonry and high density plastics. Blade material: High carbon steel.	Rough	Fast	3-5/8"	9
	Double Cutting	U1347	Most wood and fiber materials. Tooth design allows for cutting in both directions with equal speed. Blade material: High carbon steel.	Rough	Fast	3"	7
	Double Cutting	U1348	Cuts most wood and fiber materials. Tooth design allows for cutting in both directions with equal speed and quality of cut. Blade material: High carbon steel.	Medium	Medium	3"	10
	Skip Tooth	U1349	Cuts most plastics and plywood. Special tooth design with extra large gullets provide extra chip clearance necessary for cutting plywood and plastic. Blade material: High carbon steel.	Rough	Fast	3"	5
	Wood Cutting Coarse	U1350	Cuts soft woods 3/4" & thicker. Canted shank provides built-in blade relief, thus helping to clear the saw dust and cool the blade. Blade material: High carbon steel.	Rough	Fastest	3"	7
		75-250	Twin-Pack of two U1350 Jig Saw Blades				
	Wood Cutting Fine	U1351	Cuts soft woods under 3/4" thick. Canted shank provides built-in blade relief, thus helping to clear the saw dust and cool blade. Blade material: High carbon steel. More teeth per inch allows for finer quality of cut.	Medium	Medium	3"	10
		75-251	Twin-Pack of two U1351 Jig Saw Blades				
		75-256	Twin-Pack Blade Assortment (1 U1351 and 1 U1355 Jig Saw Blades)				
	Wood Cutting Hollow Ground	U1352	Hard woods under 3/4" thick. Hollow grinding provides no tooth projection beyond body of blade, thus imparting an absolutely smooth finish. Canted shank for blade clearance. Blade material: Heat treated high carbon steel.	Smooth	Medium	3"	7
	Metal Cutting	U1354	For cutting ferrous (iron) metals 1/4" to 3/8" thick and nonferrous (aluminum, copper, etc.) 1/8" to 1/4" thick. Blade material: M-2 high speed steel. Heat treated to spring temper hardness. Capable of cutting ferrous and nonferrous metals alike. Straight shank.	Medium	Medium	3"	14
		75-254	Twin-Pack of two U1354 Jig Saw Blades				
	Metal Cutting	75-156	For cutting ferrous (iron) metals 1/8" to 1/4" thick and nonferrous metals 1/16" to 1/8" thick. Blade material: M-2 high speed steel. Heat treated to spring temper hardness, capable of cutting ferrous and nonferrous metals. Straight shank.	Smooth	Medium	3"	18
	Metal Cutting	75-157	For cutting ferrous (iron) metals 1/16" to 3/16" thick. Blade material: M-2 high speed steel. Heat treated to full hardness spring temper. Capable of cutting hard ferrous materials. Straight shank.	Fine	Slow	3"	24
	Metal Cutting	U1355	For cutting hard ferrous (iron) metals 1/64" to 3/32" thick. Blade material: M-2 high speed steel. Heat treated to full hardness spring temper. Capable of cutting all hard ferrous materials. Straight shank.	Very Fine	Slow	3"	32
		75-255	Twin-Pack of two U1355 Jig Saw Blades				
	Hollow Ground	U1356	For cutting plywoods 1/2" to 3/4" thick. For fine finish work. Hollow ground for absolutely smooth finish on all wood products. Blade material: High carbon steel. Provides the longest life woodcutting blade possible. Straight shank.	Extremely Fine	Medium	4"	10
	Hollow Ground	U1360	For cutting plywood and finish materials 3/4" and thicker where fine finish is desirable. Hollow ground for very smooth finish on all wood products. Blade material: High carbon steel. Provides the longest life woodcutting blade possible. Straight shank.	Smooth	Medium	4"	6
	Hollow Ground	U1361	For cutting soft woods up to 2" thick where fine finish is desirable. Thicker blade provides less flexing when cutting 1" to 2" stock. Not recommended for scroll type cutting. Hollow ground for smooth finish. Blade material: High carbon steel. Provides the longest life woodcutting blade possible. Straight shank.	Smooth	Medium	4"	6
	Hollow Ground	U1362	For cutting plywood up to 1" thick. Hollow ground for very smooth finish. Blade material: Heat treated high carbon steel. Straight shank.	Fine	Medium	3"	10
		75-262	Twin-Pack of two U1362 Jig Saw Blades				
	Hollow Ground	U1363	For cutting plywood 3/4" thick and under. Hollow ground for very smooth finish. Blade material: Heat treated high carbon steel. Straight shank for square cuts to work surface.	Smooth	Medium Fast	3"	7
	Hollow Ground	U1364	For plywood 1/4" to 1" thick. Hollow ground for smooth finish on cuts. Blade material: Heat treated high carbon steel. Straight shank.	Medium	Fast	3"	5
	Knife Blade	U1365	For cutting leather, rubber, composition tile, cardboard, etc. Blade material: High carbon steel. Straight shank.	Smooth	Fast	3"	Knife Edge
	Fleam Ground	U1366	For cutting green or wet woods 1/4" to 1-1/2" thick. Fleam ground provides shredding type cutting action which is most effective in sawing hard, green or wet materials. Blade material: High carbon steel. Provides longest cutting life possible. Straight shank.	Smooth	Medium	4"	10
	Fleam Ground	U1367	For cutting green or wet woods 3/8" to 2-1/2" thick. Fleam ground provides shredding type cutting action which is most effective in sawing hard, green or wet materials. Blade material: High carbon steel. Provides longest cutting life possible. Straight shank.	Coarse	Fast	4"	6
	Scroll Cut	U1368	For cutting wood, plastic and plywood 1/4" to 1" thick. Set teeth and thin construction allows this blade to make intricate cuts and circles with radii as small as 1/8". Blade construction: High carbon steel. Straight shank.	Smooth	Medium	2-1/2"	10
	Wood Cutting Coarse	75-170	Cuts most plastics and wood up to 4" thick. Special tooth design with extra large gullets provide extra chip clearance for fast cutting in thicker materials. Blade material: High carbon steel.	Rough	Fast	6"	3
	Wood Cutting Medium	75-171	Makes fairly smooth cuts in wood up to 4" thick. Extra thick back provides greater resistance to breaking during intricate scroll-type cutting. Blade material: High carbon steel.	Medium	Medium	6"	7

ROUTER & KITS

Router Buying Guide



No other power tool has the infinite capacity of the router to cut intricate contours in wood. With just a moderate amount of skill, a router in the hands of an amateur craftsman can produce artistry in wood.

A router can plane edges, cut multi-curved moldings, produce

relief panels, rabbet and dovetail for professional joints, trim Formica; mortise doors for perfect hinge mounting, make signs, or cut the delicate grooves for professional inlay work.

Horsepower and bearing construction constitute the main differences between the routers. The greater the work load to be performed, the greater the horsepower needed and the heavier the bearing construction required.

Our basic model (7610) is a perfect choice for the man beginning to perform many woodwork-

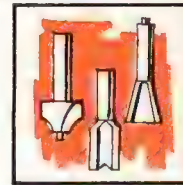
ing jobs. For the more experienced home craftsman or the tradesman, the step-up unit (7620) would be a good selection. Then the more powerful commercial router (7640) is the tool favored by craftsmen doing production type jobs.

A complete line of bits for the routers is available. These include straight bits, grooving bits, rabbeting bits, decorating bits, panel pilot bits, trimming bits, and trimming cutters. See page 20 for a complete listing of these router bits.

A great variety of jobs can be

performed with the accessories for these routers. These accessories include the straight and circular guide, power plane, hinge mortising template kit, dovetail kit, slot and circle cutting attachment, and veneer trimming guide.

*Trademark of American Cyanamid Co.



7610 3/4 HP * ROUTER

- Routs, grooves, trims, decorates in wood, plastics, compositions.
- Large positive-control handles fit hands comfortably.
- Accurate, precision calibrated in 1/64", vertical depth adjustment.

A good choice for the man beginning to perform serious woodworking jobs. Router Manual with complete, easy-to-follow instructions included. 22,000 RPM; 120V AC; 5.0 amps; .75 HP (Max. Motor Output); net wt 6 lbs, ship wt 8 lbs.
* .75 HP (Max. Motor Output)



7620 1 HP* COMMERCIAL HEAVY-DUTY ROUTER

- Big 1 HP* motor.
- Accurate, calibrated in 1/64", vertical depth adjustment.
- Large positive control handles fit hands comfortably.

A must for every serious home craftsman or tradesman. Cuts, routs, grooves, trims, decorates in wood, plastics, compositions. Router Manual with complete easy-to-follow instructions included. 22,000 RPM; 120V AC; 5.5 amps; 1 HP (Max. Motor Output); net wt 6-1/4 lbs, ship wt 8-1/4 lbs. * 1 HP (Max. Motor Output)

7630 1 HP* COMMERCIAL HEAVY-DUTY ROUTER KIT



7640 1-1/2 HP* COMMERCIAL HEAVY-DUTY ROUTER

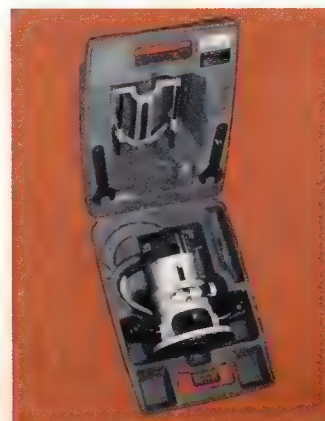
- Large molded side handles for easy, positive control.
- Exclusive collet design eliminates run-out problems, bits last longer, better quality work.
- Ball-bearing construction throughout.
- Heavy duty 1.5 HP (Max. Motor Output).

Rack and pinion micrometer depth adjustment calibrated in 1/64". Accurate. Includes: collet-type chuck with 1/4" collet, plastic sub-base, 2 open end wrenches. 1.5 HP (Max. Motor Output); 8 amps; 25,000 RPM; 120V AC/DC; net wt 7-1/4 lbs, ship wt 8-1/4 lbs.

* 1.5 HP (Max. Motor Output)

7611 .75 HP (Max. Motor Output) ROUTER KIT

Includes 7610 Router, 2 wrenches, straight and circular guide, 1/4" high speed steel straight 2 flute bit, custom-fitted plastic carrying case.



ROUTER BITS

Carbide-tipped bits stay sharp longer. Both bits, below, cut 400 ft. of laminated plywood. The photos (enlarged 100 times) show the difference in wear. The bit on the right was carbide-tipped, the other one was not.



Straight Bits

Straight Bits • Two Flutes • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
◆ U58987	1/4	5/8	1/4	1
U58988	1/4	1	1/4	1-1/4
U58989	5/16	3/4	1/4	1
◆ U58990	3/8	3/4	1/4	1
◆ U58993	1/2	3/4	1/4	1
U58995	5/8	3/4	1/4	1
◆ U58997	3/4	3/4	1/4	1

CARBIDE TIPPED

Cat. No.	A	B	C	D
76-215	1/4	7/8	1/4	1-1/4

Straight Bits • Single Flute • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
◆ U59007	1/16	5/32	1/4	1-1/4
◆ U59009	1/8	3/8	1/4	1-1/4
◆ U59012	3/16	5/8	1/4	1-1/4
U59014	7/32	5/8	1/4	1-1/4
U59015	1/4	1	1/4	1-1/4

CARBIDE TIPPED

Low cost 1/4" Shank, Single Flute, Carbide-Tipped, Straight Bits.

Cat. No.	A	B	C	D
76-203	3/16	1/2	1/4	1
76-205	1/4	5/8	1/4	1-1/8
76-206	5/16	13/16	1/4	1
76-207	3/8	7/8	1/4	1
76-209	1/2	1	1/4	1

Grooving Bits

Veining Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59031	1/16	3/16	1/4	1
◆ U59033	1/8	5/16	1/4	1
U59034	3/16	7/16	1/4	1
U59035	7/32	7/16	1/4	1

Core Box Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59037	1/4	1/4	1/4	1
U59038	3/8	1/4	1/4	1
◆ U59039	1/2	11/32	1/4	1
U59041	3/4	15/32	1/4	1

"V" Grooving Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
◆ U59070	3/8	7/16	1/4	1
U59071	7/8	15/16	1/4	1

Hinge Mortising Bits • 1/4" Shank • 2 Flutes
HIGH SPEED STEEL

Cat. No.	A	B	C	D
◆ U59066	1/2	1/2	1/4	1-1/4

Hinge Mortising Bits • 1/4" Shank • 2 Flutes
CARBIDE TIPPED

Cat. No.	A	B	C	D
76-261	1/2	1/2	1/4	1-1/4

Dovetail Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59078	1/4	3/8	1/4	1-1/4
U59079	1/2	17/32	1/4	1-1/16

Dovetail Bits • 1/4" Shank
CARBIDE TIPPED

Cat. No.	A	B	C	D
76-266	1/2	1/2	1/4	1-1/4

Rabbeting Bits

1/4" Shank • HIGH SPEED STEEL

Cat. No.	A	B	C	D
◆ U59063	1/4	7/16	1/4	1
◆ U59064	3/8	9/16	1/4	1

1/4" Shank • CARBIDE TIPPED

Cat. No.	A	B	C	D
76-242	1/2	5/8	1/4	1

Decorating Bits

Chamfering Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59065	5/8	9/16	1/4	1

Cove Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59053	3/16	1/2	1/4	1
U59054	1/4	1/2	1/4	1
U59055	3/8	3/4	1/4	1
U59056	1/2	3/4	1/4	1

Beading Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59048	1/8	3/8	1/4	1
U59049	1/4	1/2	1/4	1
U59050	3/8	3/4	1/4	1

Corner Round Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59042	3/16	3/8	1/4	1
◆ U59043	1/4	1/2	1/4	1
U59044	5/16	1/2	1/4	1
U59045	3/8	5/8	1/4	1
◆ U59046	1/2	13/16	1/4	1

Ogee Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59057	3/16	5/8	1/4	1
U59058	9/32	29/32	1/4	1

Roman Ogee Bits • 1/4" Shank
HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59060	5/32	1/2	1/4	1
◆ U59061	1/4	3/4	1/4	1

Panel Pilot Bits

HIGH SPEED STEEL

Cat. No.	A	B	C	D
U59072	1/4	3/4	1/4	1-5/16
U59073	3/8	7/8	3/8	1-1/8

CARBIDE TIPPED

Cat. No.	A	B	C	D
76-245	1/4	3/4	1/4	1-1/4

Trimming Bits

Low cost Carbide-Tipped, Combination Straight and 22° Bevel Bit.

Cat. No.	A	B	C	D
76-250	3/16	7/16	1/4	1

Laminate Trimming Bits

22° Bevel Trimming Bit • Carbide Tipped • 2 Flutes

Cat. No.	A	B	C	D
76-254	7/16	1/4	1/4	5/8

Straight & 22° Bevel • Carbide Tipped • 1 Flute

Cat. No.	A	B	C	D
76-253	3/16	17/32	1/4	13/32

7° Bevel • Solid Carbide

Cat. No.	A	B	C	D
76-255	3/16	3/8	1/4	1

Flush Trim • Solid Carbide

Cat. No.	A	B	C	D
76-256	1/4	3/8	1/4	1

Trimming Cutters

Low cost 1/2", 2 Flute, Carbide-Tipped, Veneer Flush Cutter with Screw, Washer & Ball-Bearing.

Cat. No.	A	B	C	D
76-251	1/2	1/2	1/4	1-1/4

Low cost 1/2", 2 Flute, Carbide-Tipped, 22° Bevel Cutter with Screw, Washer and Ball-Bearing.

Cat. No.	A	B	C	D
76-252	11/16	1/2	1/4	1-1/8

Veneer Trimmer Arbor

Cat. No.	A	B	C	D
U59124	5/8	1-3/32	1/4	1

Oversize Ball Bearing Assembly for use with 22°, 45° Cutters.

Cat. No.	A	B	C
U59125	13/16	1/4	1/4

22° Bevel Trimming Cutter • Carbide Tipped

Cat. No.	A	B	C
U59132	57/64"	3/8	1/4

45° Bevel Trimming Cutter • Carbide Tipped

Cat. No.	A	B	C
U59133	1	1/4	1/4

Flush Trimming Cutter • Carbide Tipped

Cat. No.	A	B	C
U59134	5/8	3/8	1/4

Use 3 items above on U59124 Arbor

Trimming Saw • Solid Carbide

Cat. No.	A	B	C	D
U59131	3/4	1/32	1/4	1

Router bit sets and cases on next page

ROUTER BIT SETS AND CASES

U2499 4 PC. ROUTER BIT SET

Includes 4 of the most popular Router Bits in plastic pouch; 3 straight bits (U59009, U58987, U58990), 1 corner round bit U59043.



U2498 3 PC. ROUTER BIT SET

Includes 3 of the most popular Router Bits in a plastic pouch: 1 U58987 1/4" straight bit (2 flutes), 1 U59009 1/4" straight bit (single flute) and 1 U59043 1/4" corner round bit.

76-350 CARBIDE-TIPPED TRIMMING

Includes 3 of the most used carbide tipped cutters for trimming Formica*. 76-205 1/4" straight bit (single flute), 76-251 1/2" veneer flush cutter (2 flutes)

with bearing; 76-252 1/2" 22° bevel cutter (2 flutes) with bearing. In reusable plastic box for storage and protection.

*Trademark of American Cyanamid Co.

U63574 ROUTER BIT CASE

Custom-fitted silver-gold plastic router bit storage case. Individual spaces for 25 1/4" shank router bits, six 1/2" shank bits and 2 template guides.

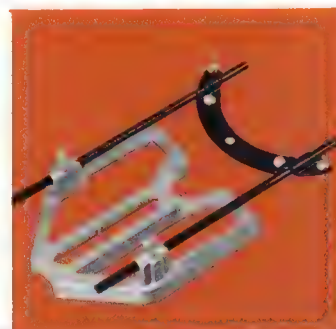
76-916 ROUTER CASE

Custom-fitted, blue plastic carrying case for 7610, 7620, 7640 Routers. Also has space for 2 wrenches, straight and circular guide, and router bits.

COMMERCIAL DUTY ROUTER ACCESSORIES

76-230 STRAIGHT AND CIRCLE GUIDE

Enables operator to make straight, curved or angular cuts with ease and accuracy. Threaded rods attach to router base. Guide can be reversed for routing inside edges such as rabbeting for screen frames, etc.



U52331 DOVETAIL KIT

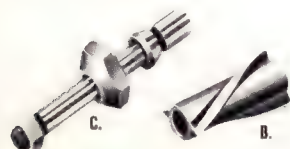
Contains everything needed to equip Router for making precise 1/2" dovetails in wood from 7/16" to 1" thick. Includes U62945 7/16" Template Guide, U62942 Template Guide Nut for large Dovetail Template, U52598 Dovetail Fixture, U52338 Large Finger Template, U59079 1/2" Dovetail Bit and 19/32" Depth Gage.

Replacement Parts for U52331 Dovetail Kit

- U52598 Dovetail Fixture
- U52338 Large Finger Template
- U62945 7/16" Template Guide
- U62942 Template Guide Nut
- U59079 1/2" Dovetail Bit

For making 1/4" dovetails in wood from 5/16" to 5/8" thick, use following items with U52598 Dovetail Fixture listed above.

- U62943 5/16" Template Guide
- U62942 Template Guide Nut
- U52339 Small Finger Template
- U59078 1/4" Dovetail Bit



U58129 HINGE MORTISING TEMPLATE KIT

A simple and fast way to rout doors and jambs for hinges. Predetermined dimensional settings eliminate measuring each door. Standard adjustments are 6'-6", 6'-8", 7'. Can also accommodate doors as low as 5'-10" or as high as 8'. Handles hinges from 2-1/2" to 5-1/2" or fractional sizes. Hangs doors with hinges as close as 5" from top of door jamb. Lowest cost way to hang wood doors to metal jambs. Kit includes Hinge Butt Template, Hinge Mortising Bit, Hinge Mortising Template Guide, Template Guide Nut, Corner Chisel and Metal Carrying Case.

U58128 HINGE BUTT TEMPLATE

TEMPLATE GUIDES

	Collet Inside Diam.	Collet Outside Diam.	Collet Depth
	17/64"	5/16"	3/16"
U62944	9/32"	3/8"	3/16"
†U62945	11/32"	7/16"	3/16"
U62946	13/32"	1/2"	3/8"
‡U62947	17/32"	39/64"	5/8"

U62942 Template Guide Nut. Fits all of the above Guides. Order separately.

•For use with 1/4" Dovetail Template.

‡For use with Hinge Mortising Template.

†For use with 1/2" Dovetail Template.

PARTS THAT MAKE 7620 ROUTER USABLE AS A POWER-PLANE.

- A. U45927 Plane Attachment
- B. U2770 Plane Cutter Head
- C. U2771 Plane Cutter Arbor (1/4" Shank)



U52597 REPLACEMENT GRINDING WHEEL

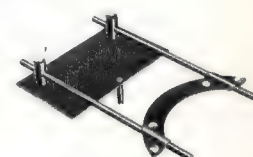
For Bit and Cutter Sharpener



U52332 SLOT AND CIRCLE GUIDE

Equips Router for cutting evenly spaced slots and grooves, discs, holes and concentric designs. Adjusts for diameter or length from 1" to 22" in circle cutting, or slot cutting.

76-231 Slot and Circle Guide for 7610 and 7620, type 2 only, Routers.



U64895 VENEER TRIMMER GUIDE

Provides precision veneer trimming with B&D Router. Includes underguide, Combination Veneer Trimming Bit, alignment pin.

Cat. No. U2834 Replacement Alignment Pin (See B&D Service)

NUMERICAL LISTING OF ROUTER ACCESSORIES

- ♦ U2498 3-pc. Router Bit Set
- ♦ U2499 4-pc. Router Bit Set
- U2770 Cutter Head
- U2771 Cutter Arbor, 1/4" shank
- U45927 Plane Attachment

- U52331 Dovetail Kit
- U52332 Slot and Circle Guide

- U52338 Large Finger Template
- U52339 Small Finger Template
- U52597 Grinder Wheel

- U52598 Dovetail Fixture
- U58129 Hinge Butt Template Kit
- U59078 1/4" Dovetail Bit
- U59079 1/2" Dovetail Bit

- U62942 Template Guide Nut

- U62943 Template Guide
- U62944 Template Guide
- U62945 Template Guide
- U62946 Template Guide
- U62947 Template Guide

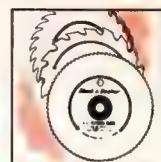
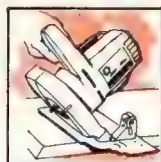
- U63574 Router Bit Storage Case
- U64895 Veneer Trimmer Guide

- ♦ 76-230 Straight and Circle Guide
- ♦ 76-231 Slot and Circle Guide
- 76-350 Trimming Set, Carbide Tipped

- 76-916 Router Case

CIRCULAR SAWS

Circular Saw Buying Guide



Black & Decker offers a wide range of circular saws for home and construction use. The power and speed of cutting is a circular saw's greatest benefit. A sharp 6-1/2", 7-1/4" or 8" saw blade, started correctly in a ripping cut will tend to keep itself on the proper line. However, optional rip fences are available to insure more accurate cutting.

Through the use of a Black & Decker circular saw, an amateur carpenter could frame a cottage, or add a room to his home in a matter of days — hand sawing could take a number of weeks.

Portability is another of the major advantages of the circular saw. You take it to the work rather than trying to handle or wrestle an awkward, heavy 4' x 8' sheet of 3/4" plywood. By supporting the sheet on blocks a few inches above the floor or the ground, a circular saw can cut it in half or lengthwise in a matter of seconds.

All Black & Decker circular saws have tilting shoes with graduated scales showing the precise angle for bevel or angle cuts.

Maximum tool horsepowers are from 1-1/4 HP to 2-1/2 HP. Use a higher horsepower saw for heavier type work or if the saw is to be used consistently for extended periods of time.

Some saws have a half shoe design, the higher priced ones have a wrap around full shoe for added support — this is especially helpful for making cuts in large sheets of plywood or composition. Auxiliary handles on certain models afford additional control.

Commercial-Duty Double Insulated Saws have a vertical adjustment feature that operates easily, controls depth of cut and retains the same balance in all positions.

Each saw can use a variety of blades — for all-purpose wood cutting use a combination blade and for smooth cutting a planer blade. There are blades designed specifically for plywood, ripping and friction-type or abrasive blades for cutting metal or masonry.

Other accessories include a saw carrying case, saw protractor, rip fence, and cut-off guide. (See page 25.)

**7380 VALUE-PLUS™****7-1/4" SAW**

- 1.5 HP (Max. Motor Output).
- Wraparound sturdy steel shoe for added support.
- Sawdust ejection chute keeps sawdust away from cutting line for better visibility.
- Accepts optional U1915 rip fence.
- Bevel and depth adjustments quickly and easily made.

7-1/4" Combination blade included. Cutting depth: 90° 2-3/8", 45° 1-7/8"; 120V AC; 9 amps; 4900 RPM; net wt 12-3/8 lbs, ship wt 15-5/8 lbs.



7390 **VALUE-PLUS™** 7-1/4" SAW

- 1.5 HP (Max. Motor Output).
- Double insulated, needs no grounding.
- Bevel and depth adjustments quickly, easily made.
- Two handle surfaces for positive, steady control.
- Accepts optional 73-501 rip fence.
- Power lock-off button guards against accidental starts.

Sawdust ejection chute keeps sawdust away from cutting line for better visibility. 7-1/4" Combination blade included. Cutting depth: 90° 2-7/16"; 45° 1-7/8"; 120V AC; 9 amps; 5300 RPM; net wt 10 lbs, ship wt 12 lbs.



7394 **VALUE-PLUS™** 7-1/4" SAW

- 1.62 HP (Max. Motor Output).
- Excellent visibility from either side.
- Power lock-off button guards against accidental starts.
- Wraparound sturdy steel shoe for added support.
- Two handles for balance and positive, steady control.
- Accepts optional 73-501 rip fence.
- Double insulated, no grounding needed.
- Exclusive detachable cord feature.

Versatile and lightweight for all-purpose cutting. Handle placement gives excellent balance and control. Sawdust ejection chute keeps sawdust away from cutting line for better visibility. 7-1/4" Combination blade included. Cutting depth: 90° 2-7/16"; 45° 1-7/8"; 120V AC; 10 amps; 5300 RPM; net wt 10 lbs, ship wt 12-1/4 lbs.



7301 7-1/4" SAW

- 1.25 HP (Max. Motor Output)
 - A good value general-purpose saw.
 - Sawdust ejection chute keeps sawdust away from cutting line for better visibility.
 - Accepts optional 73-501 rip fence.
 - Bevel and depth adjustments.
- 7-1/4" Combination blade included. Cutting depth: 90° 2-3/8"; 45° 1-7/8"; 120V AC; 9 amps; 4900 RPM; net wt 11-1/4 lbs, ship wt 13-7/8 lbs.

CIRCULAR SAWS Builders SAWCAT® Circular Saws

Made to meet the most demanding needs of builders, professional carpenters and home remodelers who want the very best.

20 AMP, LONG LIFE, Heavy-Duty Switch in 7-1/4" and 8" saws.

10 FOOT HIGHLY FLEXIBLE CORD SET. Stays flexible in normal or cold working conditions.

OVERSIZE RETRACTING LEVER keeps hands away from saw.

Sawdust Ejection System. Keeps cutting line clear, deflects sawdust away from user.

FULL WRAPAROUND SHOE for added support.

DOUBLE INSULATED* ... needs no grounding.

BALL BEARING CONSTRUCTION.

Easily Maneuverable Vertical Adjustment. Quick settings, faster work.

POWERFUL MOTOR.

UPPER BLADE GUARD covers more of the blade for safer operation and more effectively ejects sawdust away from operator.

Accepts optional U1915 rip fence.



COMPARATIVE SPECIFICATIONS

Cat. No.	Size	HP (Max. Motor Output)	Depth of Cut	RPM	Amps.	Volts	Equipped with Premium Quality SUPERSHARP Combination Blade	Net Wt.	Ship Wt.
7386 *3036-09	6-1/2"	2.109.99	90° 2-1/16" 45° 1-3/4"	5500	10	120 AC	73-106 (6-1/2")	11-1/4 lbs.	13 lbs.
7387 *3037-09	7-1/4"	2.25	90° 2-7/16" 45° 2"	5500	11.5	120 AC/DC	73-107 (7-1/4")	12-1/2 lbs.	14 lbs.
7388 *3038-09	8"	2.5	90° 2-13/16" 45° 2-1/4"	5500	12	120 AC/DC	73-108 (8")	12-5/8 lbs.	14-1/4 lbs.

*Nos. 3036-09, 3037-09, 3038-09 saws have standard 3-wire plug on cord that requires grounding and saws are not double insulated.

7334 7-1/4" DELUXE SAW

- Commercial Duty rating.
- 2 HP (Max. Motor Output)
- Wraparound sturdy steel shoe for added support.
- Power switch lock-off guards against accidental starts.
- Double insulated, no grounding needed.
- Accepts optional 73-501 rip fence.
- Convenient locking knobs on depth-of-cut and bevel adjustments make setting the right depth and angle quick and easy.
- Exclusive detachable cord feature.



Versatile, lightweight power for all-purpose cutting. Adjustable 0° bevel stop and cutting line guide. Two roller bearings help assure smooth, dependable operation and long life. Front handle provides sure, two-hand control on every cut. 7-1/4" Combination blade included. Cutting depth 90° 2-7/16", 45° 1-7/8"; 120V AC; 10 amps; 5300 RPM; net wt 10-1/2 lbs, ship wt 12 lbs.

Circular Saw Accessories, Reciprocating Saw Blades

73-300 3-in-1 CIRCULAR SAW BLADE PACK

Three of the most popular Black & Decker-manufactured SUPERSHARP Standard Quality circular saw blades packaged to bring you a saving. Includes 73-007 7-1/4" Combination Blade, 73-027 7-1/4" Crosscut Blade and 7-1/4" 73-047 Plywood Blade. See standard quality blades, page 26, for blade uses.

**73-501 RIP FENCE**

Attaches to 7301, 7307, 7304, 7324, 7334, 7390, 7394 circular saws for making fast rip cuts without penciled guide lines.

**73-511 CARRYING CASE FOR 7301 SAW**

Custom molded plastic carrying case. Has room for rip fence, extra blades, blade wrench. Protects saw and keeps accessories handy.

73-510 SAW CARRYING CASE

Protect your saw, keep saw accessories and extra blades handy on the job. Made of sturdy steel. Fits all B&D Saws.



U1918 ADJUSTABLE CUT-OFF GUIDE
Adjusts for any angle from 0° to 45°. Use as a handy square, or bevel for transferring inside corner angles.

U1915 RIP FENCE

Quickly attaches to all B&D circular saws (except 7301, 7307, 7310, 7304, 7324, 7334, 7390, 7394) for fast, smooth rip cuts without penciled guide lines.

U1812 SAW PROTRACTOR

Permits accurate cuts 0° to 90° angles. Saves time and effort on all angle cuts.

73-900 CIRCULAR SAW ARBOR WRENCH

Replacement circular saw arbor

wrench. Fits all saws with 1/2" or 9/16" arbor nuts.

70-220 SAWHORSE BRACKETS

Self-mounting sawhorse brackets attach quickly to 2 x 4 lumber. One 70-220 makes 1 sawhorse.

Numerical Listing of Circular Saw Accessories

- U1812 Saw Protractor
- ♦ U1915 Rip Fence
- U1918 Adjustable Cut-off Guide
- 70-220 Sawhorse Brackets
- ♦ 73-006 6-1/2" Combination Saw Blade, univ. arbor
- ♦ 73-007 7-1/4" Combination Saw Blade, univ. arbor
- ♦ 73-008 8" Combination Saw Blade, univ. arbor
- 73-010 10" Standard Combination Saw Blade
- ♦ 73-026 6-1/2" Crosscut Saw Blade, univ. arbor
- ♦ 73-027 7-1/4" Crosscut Saw Blade, univ. arbor
- 73-028 8" Crosscut Saw Blade, univ. arbor
- 73-036 6-1/2" Framing/Rip Saw Blade, univ. arbor
- ♦ 73-037 7-1/4" Framing/Rip Saw Blade, univ. arbor
- 73-038 8" Framing/Rip Saw Blade, univ. arbor
- ♦ 73-046 6-1/2" Plywood Saw Blade, univ. arbor
- ♦ 73-047 7-1/4" Plywood Saw Blade, univ. arbor
- 73-048 8" Plywood Saw Blade, univ. arbor
- 73-056 6-1/2" Flat Ground Master Combination Saw Blade
- 73-058 8" Flat Ground Master Combination Saw Blade
- 73-105 5-7/8" Combination Premium Saw Blade, univ. arbor
- ♦ 73-106 6-1/2" Combination Premium Saw Blade, univ. arbor
- ♦ 73-107 7-1/4" Combination Premium Saw Blade, univ. arbor
- ♦ 73-108 8" Combination Premium Saw Blade, univ. arbor
- 73-116 6-1/8" Combination Premium Saw Blade, 1-1/8" arbor
- 73-117 7-1/4" Combination Premium Saw Blade, 1-1/8" arbor
- 73-118 8" Combination Premium Saw Blade, 1-3/8" arbor
- ♦ 73-126 6-1/2" Crosscut Premium Saw Blade, univ. arbor
- ♦ 73-127 7-1/4" Crosscut Premium Saw Blade, univ. arbor
- 73-128 8" Crosscut Premium Saw Blade, univ. arbor
- ♦ 73-136 6-1/2" Framing/Rip Premium Saw Blade, univ. arbor
- ♦ 73-137 7-1/4" Framing/Rip Premium Saw Blade, univ. arbor
- 73-138 8" Framing/Rip Premium Saw Blade, univ. arbor
- ♦ 73-146 6-1/2" Plywood Premium Saw Blade, univ. arbor
- ♦ 73-147 7-1/4" Plywood Premium Saw Blade, univ. arbor
- 73-148 8" Plywood Premium Saw Blade, univ. arbor
- ♦ 73-156 6-1/2" Planer Premium Saw Blade, univ. arbor

- ♦ 73-157 7-1/4" Planer Premium Saw Blade, univ. arbor
- 73-158 8" Planer Premium Saw Blade, univ. arbor
- 73-166 6-1/2" Flooring Premium Saw Blade, univ. arbor
- ♦ 73-167 7-1/4" Flooring Premium Saw Blade, univ. arbor
- 73-168 8" Flooring Premium Saw Blade, univ. arbor
- 73-176 6-1/2" Carbide Tipped Premium Saw Blade, 5/8" arbor
- 73-177 7-1/4" Carbide Tipped Premium Saw Blade, 5/8" arbor
- 73-178 8" Carbide Tipped Premium Saw Blade, 5/8" arbor
- 73-186 6-1/2" Metal Cutting Premium Saw Blade, univ. arbor
- ♦ 73-187 7-1/4" Metal Cutting Premium Saw Blade, univ. arbor
- 73-188 8" Metal Cutting Premium Saw Blade, univ. arbor
- 73-196 6-3/8" Steel Cutting Friction Premium Saw Blade, univ. arbor
- 73-197 7-1/8" Steel Cutting Friction Premium Saw Blade, univ. arbor
- 73-206 6-1/2" Teflon Combination Saw Blade, univ. arbor
- ♦ 73-207 7-1/4" Teflon Combination Saw Blade, univ. arbor
- 73-215 5-7/8" Metal Cutting Saw Blade, univ. arbor
- ♦ 73-216 6-1/2" Metal Cutting Saw Blade, univ. arbor
- ♦ 73-217 7" Metal Cutting Saw Blade, univ. arbor
- 73-218 8" Metal Cutting Saw Blade, univ. arbor
- 73-226 6-1/2" Teflon Plywood Saw Blade, univ. arbor
- ♦ 73-227 7-1/4" Teflon Plywood Saw Blade, univ. arbor
- 73-235 5-7/8" Masonry & Tile Cutting Abrasive Blade, univ. arbor
- ♦ 73-236 6-1/2" Masonry & Tile Cutting Abrasive Blade, univ. arbor
- ♦ 73-237 7" Masonry & Tile Cutting Abrasive Blade, univ. arbor
- 73-238 8" Masonry & Tile Cutting Abrasive Blade, univ. arbor
- 73-239 8" Masonry & Tile Cutting Abrasive Blade, 1-3/8" arbor
- 73-246 6-1/2" Carbide Tipped Saw Blade
- 73-247 7-1/4" Carbide Tipped Saw Blade
- ♦ 73-300 3-in-1 Saw Blade Pack
- 73-317 7" Metal Cutting Premium Saw Blade, 5/8" arbor
- 73-337 7" Masonry & Tile Cutting Premium Saw Blade, 5/8" arbor
- ♦ 73-501 Rip Fence
- 73-510 Deluxe Circular Saw Carrying Case
- 73-511 Circular Saw Carrying Case
- 73-900 Circular Saw Blade Wrench

Universal Reciprocating Saw Blades (Two Blades Per Package)

Universal shank permits blades to fit all reciprocating saws. Designed and made by Black & Decker to give long life and fast cutting in wood, metal, plastics, etc. Give maximum blade efficiency with B&D reciprocating saws and improve the cutting capabilities of many other makes of saws.

CAT. NO. 75-270 General-Purpose Wood Cutting Blade 6" long, 7 teeth per inch. For general roughing-in work. Resists nails. Ideal for pruning trees.

CAT. NO. 75-271 Fast Wood Cutting Blade 6" long, 3 teeth per inch. For fast roughing-in work in wood without nails.

CAT. NO. 75-272 Fine Wood Cutting Blade 6" long, 18 teeth per inch. For fine cuts for opening crates with nails, removing wood siding and shingles.

CAT. NO. 75-273 Nail-Embedded Wood Cutting Blade 6" long, 10 teeth per inch. For nail-embedded wood and composition cutting, for cutting plastic, plywood, etc.

CAT. NO. 75-280 High Speed Metal Cutting Blade 6" long, 18 teeth per inch. For cutting metals heavier than 18 gauge: pipe, conduit, tubing, etc.

CAT. NO. 75-281 High Speed Scroll Metal Cutting Blade 3" long, 18 teeth per inch. For cutting irregular contours in sheet metal.

CAT. NO. 75-282 High Speed Light Metal Cutting Blade 4" long, 24 teeth per inch. For cutting metal lighter than 18 gauge: sheet, tubing, trim, etc.

SUPERSHARP Saw Blades with Diamond Knockouts

Sharper, quieter, cleaner-cutting, longer lasting than ordinary blades; plus lower prices. This is what you get with Black & Decker SUPERSHARP Blades. Our revolutionary manufacturing process provides a more uniform sharpness on the cutting edge of the teeth (see photos). This uniformity gives you a fast, smooth cut every time. All blades (except the few noted with asterisks [*]) have a 5/8" round arbor hole with a diamond knockout to fit all saws with either a 5/8" round or diamond arbor.

STANDARD QUALITY BLADES

Outstanding value for the price. These blades are made from the highest quality spring steel. The blades are then coated with a hard-baked enamel to resist gum and resin buildup on the teeth during cutting. Available in the five most popular types and sizes to cut all types of wood products.

PLYWOOD

No.	Diam.	Teeth
♦ 73-046	6-1/2"	130
♦ 73-047	7-1/4"	140
73-048	8"	150

Finely ground teeth give cuts with minimum splintering in plywood, paneling, veneers, Cellotex, thin plastics, etc. Will make smooth crosscuts and miters equally well.

MASTER COMBINATION (Flat Ground Planer)

No.	Diam.	Teeth
73-056	6-1/2"	50
73-058	8"	60

General-purpose blade designed for ripping, cutting off and mitering wood where a fine, smooth cut is needed. No sanding is necessary.

CROSS-CUT

No.	Diam.	Teeth
♦ 73-026	6-1/2"	90
♦ 73-027	7-1/4"	100
73-028	8"	100

Specifically designed for smooth fast cutting across the grain of both hard and soft woods where finish is an important factor. May also be used for rip and crosscuts on extremely hard woods.

COMBINATION

No.	Diam.	Teeth
♦ 73-006	6-1/2"	18
♦ 73-007	7-1/4"	20
♦ 73-008	8"	22
♦ 73-010	10"	28

Chisel tooth configuration makes this the fastest cutting blade in our Standard Quality line. Specifically designed for general purpose ripping and cross-cutting where the finish of the cut is not critical.

FRAMING/RIP

No.	Diam.	Teeth
73-036	6-1/2"	40
♦ 73-037	7-1/4"	40
73-038	8"	40

An all-purpose blade for smooth, fast cutting in any direction. Rips, crosscuts, miters, etc. One of the most popular all-purpose blades available. Gives especially fast, smooth finishes when cutting with the grain of both soft and hard woods.

BLADES COATED WITH TEFLON-S†

†DuPont's registered trademark for its non-stick finish.

Coated with DuPont's TEFLON-S†. This means (1) less heat from friction because of self-lubricating surface, thus blade stays sharper longer, (2) blades will resist rust, (3) these TEFLON-S† coated blades will decrease drag and glue buildup during the cutting of resinous, wet or green lumber, such as plywood, paneling, uncured and/or pitch-filled woods.

PLYWOOD

No.	Diam.	Teeth
73-226	6-1/2"	130
♦ 73-227	7-1/4"	140

Finely ground teeth along with TEFLON-S† coating give cuts with minimum splintering in plywood, paneling, veneers and other resinous woods without glue buildup. TEFLON-S† coating increases cutting life by reducing heat build-up.

COMBINATION

No.	Diam.	Teeth
73-206	6-1/2"	18
♦ 73-207	7-1/4"	20

Here is a blade which combines a fast cutting tooth configuration with TEFLON-S† coating for less heat and resin build-up for longer blade life. The chisel tooth configuration is specifically designed for general-purpose ripping and crosscutting.

PREMIUM QUALITY BLADES

Hard, industrial chrome plated (not just decorative chrome plating) to give twice the cutting life of uncoated blades. Plating improves wear resistance, protects against rust and other corrosion, reduces gum or resin build-up on teeth. Your best buy in top quality blades.

COMBINATION

No.	Diam.	Teeth	No.	Diam.	Teeth
73-105	5-7/8"	16	♦ 73-117	7-1/4"	20
♦ 73-106	6-1/2"	18	♦ 73-118	8"	22
♦ 73-107	7-1/4"	20	*R997	9"	48
♦ 73-108	8"	22	*R1041	10"	48
♦ 73-116	6-1/8"	16	*R1034	12"	44

*No diamond knockout
•1-1/8" arbor hole

Chisel tooth configuration means this blade is the fastest cutting blade in our line. Specifically designed for general-purpose ripping and cross-cutting where the finish of the cut is not the most desired effect.

FRAMING/RIP

No.	Diam.	Teeth
♦ 73-136	6-1/2"	40
♦ 73-137	7-1/4"	40
73-138	8"	40

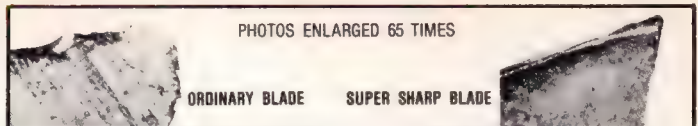
An all-purpose blade for smooth, fast cutting in any direction. Rips, crosscuts, miters, etc. One of the most popular all-purpose blades available. Gives especially fast, smooth finishes when cutting with the grain of both soft and hard woods.

METAL CUTTING

No.	Diam.	Teeth
73-186	6-1/2"	64
♦ 73-187	7-1/4"	68
73-188	8"	76

Teeth shaped and set specifically for cutting aluminum, copper, lead and other soft metals.

PHOTOS ENLARGED 65 TIMES



ORDINARY BLADE

SUPER SHARP BLADE

HOLLOW GROUND PLANER

No.	Diam.	Teeth
♦ 73-156	6-1/2"	50
♦ 73-157	7-1/4"	50
73-158	8"	60
R1011	9"	65
R1013	10"	75

Specially ground for satin-smooth finish cuts (cross-cuts, rips and miters) in all solid woods. A professional quality blade for use in cabinet work, furniture, etc. Specifically designed to make extremely smooth cuts in wood 1" thick and thicker. Eliminates need for sanding.

†CARBIDE TIPPED (8 tooth)

No.	Diam.	Teeth
♦ 73-176	6-1/2"	8
♦ 73-177	7-1/4"	8
♦ 73-178	8"	8
• R989	10"	8

Specially designed for cutting tough-to-cut materials such as: Transite, Cimento board, asbestos, Formica and Masonite. Will also cut wood where speed and finish are not critical. Each blade has tungsten carbide permanently braised on each tooth for up to 15 times the cutting life without sharpening.

†CARBIDE TIPPED (18 & 20-tooth)

No.	Diam.	Teeth
♦ 73-246	6-1/2"	18
♦ 73-247	7-1/4"	20

Chisel tooth combination blade for fast general-purpose cutting in all types of woods. Tips are of tungsten carbide material which outlasts regular steel blades up to 10 to 1. Teeth are accurately set for ease of cutting. This all adds up to a blade which gives you the fastest cutting, longest life of any blade available.

*No diamond knockout.

†Not made by Super-sharp method.

•Blades cannot be sharpened.

HOLLOW GROUND PLYWOOD

No.	Diam.	Teeth
♦ 73-146	6-1/2"	130
♦ 73-147	7-1/4"	140
73-148	8"	150
R1014	10"	200

Special taper grinding on the sides of this thin rim blade gives an absolutely smooth cut in plywood, veneers and laminates, etc. Can be used in crosscutting and mitering for a professional finish on all types of cabinet work. Eliminates need for sanding.

RIP

No.	Diam.	Teeth
R1426	10"	36
R2311	12"	32

Fast for rip cuts. Minimum binding and better chip clearance given by large teeth.

STEEL CUTTING FRICTION

No.	Diam.	Teeth
73-196	6-3/8"	16
73-197	7-1/8"	16

Designed for cutting corrugated or sheet roofing, black iron, furnace pipe or thin bar stock. Cuts faster with less filings than abrasive blades. Cuts by friction action.

CROSS-CUT

No.	Diam.	Teeth
♦ 73-126	6-1/2"	90
♦ 73-127	7-1/4"	100
73-128	8"	100

Specifically designed for smooth, fast cutting across the grain of both hard and soft woods where finish is an important factor. May also be used for rip and crosscuts on extremely hard woods.

FLOORING

No.	Diam.	Teeth
73-166	6-1/2"	64
♦ 73-167	7-1/4"	68
73-168	8"	76

For use where nails or other metal objects may be encountered, such as cutting reclaimed lumber, flooring, opening crates. Allows crosscuts as well as miters.

ABRASIVE BLADES

Highest quality grit gives Longer Life, Faster Cutting — real time and money savers. Efficiently cut or slot materials. Reinforced with fiberglass to give Safe Performance and Longer Life — makes blades highly break-resistant.

METAL CUTTING (blue label): aluminum oxide; cuts ferrous metals (steel, cast iron, stainless steel) and hardened non-ferrous metals (hard brass, aluminum, bronze).

Cat.No.	Diam.
73-235	5-7/8"
♦ 73-216	6-1/2"
*73-317	7"
♦ 73-217	7"
73-218	8"

*5/8" round arbor hole only.

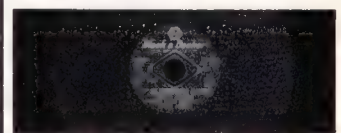
MASONRY & TILE CUTTING (red label): silicon carbide; cuts masonry materials, concrete, soft brick, cinder block, asbestos, cement, concrete block, gypsum wallboard, Transite, limestone, sandstone, corrugated plastic and soft non-ferrous metals.

Cat.No.	Diam.
73-235	5-7/8"
♦ 73-236	6-1/2"
♦ 73-237	7"
*73-337	7"

*5/8" round arbor hole only.

Cat.No.	Diam.	Arbor
73-238	8"	
*73-239	8"	1-3/8"

*Does not have diamond knockout.



All abrasive blades - have diamond arbor hole for the popular worm-drive saws plus adapter which converts it to 5/8" round arbor hole if needed.

Recommendations:

With
B&D 6-1/2" Saws use 6-1/2" or 6-1/8" blades;
with
B&D 7-1/4" saws use 7", 7-1/8", 7-1/4" blades;
with
B&D 8" saws use 8" blades.

SALES and SERVICE CENTERS

4

	Area Code	Telephone No.		Area Code	Telephone No.
ALABAMA: Birmingham 35209, 10 Green Springs Highway	205	942-0538	Union 07083, 2305 U.S. Highway 22 West.	201	964-7040
ARIZONA: Phoenix 85004, 537 E. McDowell Rd.	602	258-1332	(1 Block West of Flagship)		
ARKANSAS: Little Rock, 72201, 519 West Seventh Street	501	372-3040	NEW MEXICO: Albuquerque 87110, 4700 Lomas Blvd. N.E.	505	265-6401
CALIFORNIA: Anaheim 92802, 1235 So. Euclid Ave.	714	772-4050	NEW YORK: Albany (Latham) 12110,		
Fresno 93703, 2518 North Blackstone Avenue	209	224-2152	836 Troy-Schenectady Rd.	518	785-1867
Los Angeles 90007, 2432 S. Broadway	213	749-0371	Buffalo 14209, 881 W. Delavan Ave.	716	884-6220
Los Angeles 90007, 2510 South Broadway (Sales only)	213	749-7638	Great Neck 11021, 98 Cuttermill Rd. (Sales only)		
Oakland (San Leandro) 94578, 15206 E. 14th St.	415	276-1610	Home Products Division	516	829-9504
Riverside 92506, 4010 Merrill Ave.	714	787-9700	Professional Division	516	829-9505
Sacramento 95814, 1915 Seventeenth Street	916	444-3188	Automotive Division	516	829-9506
San Diego 92105, 3811 El Cajon Blvd.	714	280-3331	New York 11590, 1059 Old Country Road (Westbury, L.I.)	516	997-6140
Santa Clara 95050, 2291 The Alameda	408	241-9162	New York 10462, 1894 E. Tremont Avenue (Bronx)	212	792-2700
So. San Francisco 94080, P.O. Box 231, 1139 Airport Blvd.	415	871-7278	New York 10014, 227 Varick St. (Manhattan)	212	929-6450
Van Nuys 91411, 14920 Victory Blvd.	213	787-5531	New York 11377, 56-15 Queens Blvd. (Woodside)	212	335-1042
COLORADO: Denver 80204, 675 Kalamath St.	303	222-0621	Rochester 14620, 476 Clinton Ave. S.	716	454-3814
CONNECTICUT: Bridgeport 06603, 1055 Lafayette Circle	203	368-3419	Syracuse 13224, 2140 Erie Blvd. E.	315	446-3086
Hartford 06114, 131 Meadow Street	203	249-6241	Westbury 11590, 1059 Old Country Rd. (L.I.)	516	997-6140
DISTRICT OF COLUMBIA: Washington			NORTH CAROLINA: Charlotte 28208, 1710 N. Graham St.	704	375-3721
Bladensburg, Maryland 20710, 4501 Baltimore Ave.	301	779-3808	Fayetteville 28302, P.O. Box 424, Highway 301, S.	919	425-9552
Falls Church, Virginia 22046, 129 Annandale Road	703	533-1147	Greensboro 27403, 1010 W. Lee Street	919	275-0906
Rockville, Maryland 20852, 1020 Rockville Pike	301	340-7377	Raleigh 27604, 2420 Atlantic Avenue	919	834-8207
FLORIDA: Jacksonville 32208, 5224 Pearl Street	904	356-2951	OHIO: Cincinnati 45203, 1225 Western Ave.	513	421-2275
Miami 33168, 13345 N. W. Seventh Avenue	305	681-6658	Cleveland 44113, 3901 Detroit Ave.	216	651-4243
Orlando 32806, 940 So. Orange Ave.	305	423-1651	Columbus 43227, 3975 E. Livingston Ave.	614	237-0461
Tampa 33609, 3401 W. Kennedy Blvd.	813	872-8317	Dayton 45420, 617 Watervliet Street	513	252-1821
GEORGIA: Atlanta 30313, 316 Techwood Drive, N.W.	404	524-0431	Toledo 43607, 3231 Dorr St.	419	531-8921
Atlanta 30354, 3271 Hamilton Blvd., S.W. (Sales only)	404	762-1728	OKLAHOMA: Oklahoma City 73106, 1318 Linwood Blvd.	405	232-7515
HAWAII: Honolulu 96813, 675 Auahi Street	808	536-9374	Tulsa 74145, 3120 South Sheridan Road	918	622-5666
ILLINOIS: Chicago, 60101, Addison, 1710 W. Armitage Court	312	261-8630	OREGON: Portland 97209, 1640 N.W. Johnson Street	503	228-8631
Chicago 60646, Lincolnwood, 6710 N. Crawford Ave.	312	673-0923	PENNSYLVANIA: Allentown (Whitehall) 18052,		
Chicago 60643, Beverly Hills, 10708 S. Western Ave.	312	233-6832	2242 MacArthur Rd.	215	435-9544
Des Plaines 60018, 2180 S. Wolf Rd. (Sales only)	312	827-0083	Harrisburg 17112, 6070 Allentown Blvd.	717	545-0651
Rock Island 61201, 725 30th Street	309	788-1744	Lancaster 17604, 715 Fountain Ave.	717	393-5251
INDIANA: Evansville 47710, 307 First Ave., Crescent Center	812	425-4269	Philadelphia 19103, 333 No. 20th Street (Service only)	215	564-5520
Hammond 46323, 7103 Kennedy Ave.	219	845-5100	Pittsburgh 15232, 5437 Baum Blvd.	412	362-2700
Indianapolis 46202, 1125 W. 16th Street	317	632-5569	Wayne 19087, 125 Stratford Avenue,		
IOWA: Des Moines 50312, 2811 Ingersoll Ave.	515	244-7257	Stratford Building #3 (Sales only)	215	688-0267
KANSAS: Wichita 67214, 203 N. Mathewson Street	316	263-6571	RHODE ISLAND: E. Providence 02914, 2777 Pawtucket Ave.	401	434-1655
KENTUCKY: Louisville 40209, 4407 Park Blvd.	502	366-1495	SOUTH CAROLINA: Greenville 29601, 407 Pendleton St.	803	232-3038
LOUISIANA: Metairie (New Orleans) 70002,			TENNESSEE: Knoxville 37917, 4110 North Broadway	615	688-0921
3310 N. Causeway Blvd.	504	837-2550	Memphis 38116, 986 East Brooks Rd.	901	332-3444
MARYLAND: Baltimore 21211, 203 West 28th Street	301	467-7411	Nashville 37203, 601 Eighth Ave. S.	615	254-1061
Baltimore 21205, 4712 Erdman Ave.	301	485-5550	TEXAS: Amarillo 79106, 3008 West 6th Ave.	806	373-1531
Bladensburg (Wash. D.C.) 20710, 4501 Baltimore Ave.	301	779-3808	Dallas 75207, 1808 N. Industrial Blvd. (Service only)	214	741-6401
Rockville 20852, 1020 Rockville Pike	301	340-7377	Dallas 75247, 7701 Stemmons Freeway (Sales only)	214	630-6021
Towson (Balto.) 21204, 701 East Joppa Rd.	301	828-2910	El Paso 79925, 1400 Magruder Street	915	778-9769
MASSACHUSETTS: Boston (Brighton) 02135, 12 Market St.	617	782-6264	Fort Worth 76103, 1801 Bomar Street	817	336-0175
MICHIGAN: Detroit 48219, 18133 W. McNichols Rd.	313	534-8880	Houston 77003, 105 Sampson Street	713	228-7521
Detroit (Mt. Elliott) 48234, 11360 East Seven Mile Rd.	313	527-5010	San Antonio 78210, 1111 South Presa Street	512	534-4611
Flint 48504, G-4083 Clio Road	313	789-6191	UTAH: Salt Lake City 84115, 1541 S. Third West Street	801	486-7056
Grand Rapids 49509, 3662 Clyde Park Ave., S.W.	616	534-7708	VIRGINIA: Falls Church 22046, 129 Annandale Road	703	533-1147
MINNESOTA: Bloomington (Minneapolis-St. Paul) 55420,			Norfolk 23513, 7631 Sewells Point Road	804	480-3333
9712 Garfield Ave.	612	884-9191	Richmond 23222, 1424 Chamberlayne Ave.	804	649-9245
MISSOURI: Kansas City 64111, 4324 Main St.	816	531-0629	WASHINGTON: Seattle 98109, 701 Third Ave., N.	206	282-6432
Kansas City 64111, 4324 Main St. (Sales only)	816	531-0633	Spokane 99207, 3550 North Market Street	509	489-9164
St. Ann 63074, 10933 St. Charles Rock Road	314	739-4661	WEST VIRGINIA: Charleston 25312, 1638 Sixth Ave.	304	343-0289
St. Louis 63110, 615 S. Vandeventer Ave. (Service only)	314	533-2210	WISCONSIN: Milwaukee (West Allis) 53227,		
St. Louis 63110, 615 S. Vandeventer Ave. (Sales only)	314	291-2772	10903 W. Lincoln Ave.	414	543-9590
NEBRASKA: Omaha 68102, 2218 Leavenworth Street	402	345-2330			
NEW JERSEY: Paterson (Little Falls) 07424, Rt. 46 East,					
at Lower Notch Rd.	201	256-9373			



RAPID EXCHANGE CONSUMER SATISFACTION GUARANTEE (A FULL ONE YEAR WARRANTY)

Most Black & Decker consumer portable power tools and lawn-and-garden portable power tools are guaranteed for one year from date of purchase. If you are not completely satisfied with one of these products, you will receive free of charge a replacement tool upon return of the original tool to the seller (if a participating retailer) or to a Black & Decker Service Center.

In returning a tool for replacement proof-of-purchase is required and all original standard equipment must also be returned (for example, chuck, chuck key, auxiliary handles, circular saw blades). Expendable original equipment such as sanding sheets, belts and discs and jig saw blades need not be returned. For kits and assortments only the basic power tool will be replaced.

This Rapid Exchange Satisfaction Guarantee **does not** cover Commercial Duty tools, home workshop and lawn-and-garden tools used in commercial service, lawn mowers, stationary tools, tools used in rental service or accessories. On these products a one-year guarantee on defects will apply, excluding accessories.



Applicable products bear the Underwriters Laboratories Listed Marker.



Factory Operated Service Centers

ONE YEAR GUARANTEE

(A LIMITED WARRANTY)

Applicable to products not covered by the Rapid Exchange Consumer Satisfaction Guarantee:

Commercial Duty Tools

Home Workshop and Lawn-and-Garden Tools used in Commercial Service

Stationary Tools

Lawn Mowers

Tools used in Rental Service

Black & Decker guarantees for one year from date of purchase to correct by repair or parts replacement without charge any product defect due to faulty material or workmanship on Commercial Duty tools, home workshop and lawn-and-garden tools used in commercial service, stationary tools, lawn mowers, or tools used in rental service. Simply return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station. Black & Decker assumes no responsibility for damage or faulty performance caused by misuse, careless handling or where repairs have been made or attempted by others.

No other guarantees, written or verbal, are authorized.

SANDERS

Sander Buying Guide



Almost every home or professional project demands careful surface preparation if its finished state is to reflect the craftsman's skill. Invariably, finishing involves sanding. Power sanding gets the job done faster, easier and with more professional results.

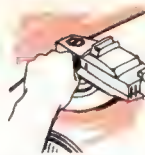
Whether you prepare a wall for paper or paint, remove rust or paint from a car or outdoor patio furniture, or build a stereo cabinet or tables, you'll find a need for a Black & Decker sander.

Finishing sanders are the most popular, general-purpose tools used primarily for fine finishing but with the proper abrasive paper can be used for rougher work. A rectangular platen, holding the abrasive sheet, is driven in an orbital motion, moving the abrasive paper in a 3/16" circular motion at 4,000 or more orbits per minute.



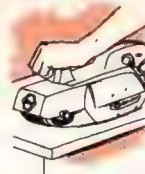
Dual action sanders can have their platen motion changed, by the movement of a lever, from orbital action for fast material removal to straight line sanding for a "hand sanded" finish on wood, metal, or plastics. It is like having two sanders in one. Black & Decker sanders are designed for either one or two hand control and three sided flush sanding.

Certain orbital sanders (7440 and 7404), with high speed oscillations, can be used for both fast material removal and "hand sanded" finishing.



The powerful disc sander is ideal for big jobs involving paint or rust removal, for example, refinishing a car or a boat hull. Used with coarse grit abrasive discs, it can quickly remove enough material to smooth out rough lumber surfaces.

A belt sander is best used when there is a lot of material to be removed and speed is desired. A LCG, low center of gravity, belt sander is easier to use, greatly reduces tilting and gouging and gives a better finished surface. This tool drives a 3" wide abrasive belt at approximately 1200 SFPM (surface feet per minute), nearly a quarter mile of sanding each minute of operation. It can make short work of stain or varnish removal to flatten cupped boards or smooth a badly scarred table top. It is a two-handed tool and must be kept moving over the surface at all times because it removes material so rapidly.



Properly used, the belt sander travels with the grain of the wood and with progressively finer grit belts a smooth finish can be obtained.

Both belt sanders and certain finishing sanders can be fitted with dust collecting attachments which pick up most of the dust. A wide variety of Black & Decker sandpaper, discs, and sanding belts are available.



7431 **VALUE-PLUS™** SANDER/POLISHER ASSORTMENT

- Fast 10,000 orbits per minute for sanding.
- A high speed polisher at 10,000 orbits per minute.
- Very light and maneuverable.
- Dust collector attachment included.
- Sandpaper and polishing pad included.
- Double insulated, needs no grounding.

Attach the dust collecting attachment and sandpaper and you have a finishing sander that gets jobs done fast. Substitute the polishing pad for the sandpaper, remove the dust collecting attachment and you have a high speed polisher. Dust collector hose fits most tank-type vacuum cleaners. Includes 7430 Finishing Sander, 74-001 dust collecting sanding attachment, 3-5/8" x 9" polishing pad, 12 sheets assorted grit sandpaper. 1.6 amps; 120V AC. Net wt 9 lbs.



Use the 7431 to do fine finishing sanding on home projects such as:

- Bird Houses
- Tables
- Desks
- Chairs
- Shelves
- Chess Boards
- Bird Feeders
- Cabinets

Use the 7431 to polish:

- Table Tops
- Desk Tops & Sides
- Stainless Steel Counter Tops
- Formica Table and Counter Tops
- Wood Paneling



7491 **VALUE-PLUS™** 1/2 SHEET DUAL-ACTION FINISHING SANDER ASSORTMENT

- Dual Action: orbital for fast material removal, straight line for finest finishing sanding.
- 1/3 HP (Max. Motor Output).
- Large 1/2 sheet sanding surface. Gets jobs done faster.
- Built-in fan and the dust collector that is included pick up most of the dust.
- Flush sands on 3 sides.
- Exclusive detachable cord feature (see above).
- Front handle for extra control.

Double insulated, needs no grounding. Includes 6 sheets assorted grit sandpaper. Paper size: 4-1/2" x 11" (1/2 standard sheet); 120V AC; 3 amps; 4000 OPM; net wt 6-5/16 lbs, ship wt 6-9/16 lbs.



7480 **VALUE-PLUS™** 1/2 SHEET FINISHING SANDER

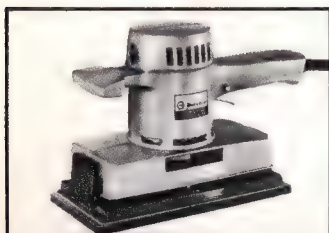
- 1/3 HP (Max. Motor Output).
- Large 1/2 sheet sanding surface gets jobs done faster.
- Orbital action for fast material removal.
- Exclusive detachable cord feature (see above).
- Front handle for extra control.
- Double insulated, needs no grounding.
- Flush sands on 3 sides.

Accepts optional 74-000 Dust Collecting Sanding Attachment. Paper size 4-1/2" x 11" (1/2 standard sheet); 120 V AC; 3 amps; 4000 OPM; net wt 5-1/2 lbs, ship wt 5-3/4 lbs.



7490 **VALUE-PLUS™** 1/2 SHEET DUAL-ACTION FINISHING SANDER

Same as 7491 except without dust collecting attachment and sandpaper.



7440 **COMMERCIAL HEAVY-DUTY SANDER**

- Commercial Duty rated.
- Extra power and performance. Rated for continuous production service.

- The choice for heavy-duty finishing sanding and fastest stock removal.
- Large 1/2 sheet size sanding surface.
- Three ball-bearings for long life.
- 9000 orbits per minute.

Big half sheet sanding surface and super fast orbital action get the job done fast, easily. Flush sands on 3 sides. 4-1/2" x 11" abrasive paper; 120V AC; 25 HP (Max. Motor Output); 9000 OPM; 3 amps; net wt 7-1/2 lbs, ship wt 8-3/4 lbs.



7404 **FINISHING SANDER**

- Extra fast 10,000 orbits per minute gives smooth finishing, faster material removal.
- Lightweight maneuverability.
- Designed for general-purpose sanding.
- Flush sands on 3 sides.
- Front handle for extra control.

Good for finishing wood, metal, plastic. Designed for one or two-hand control. Double insulated, needs no grounding. Paper size 3-5/8" x 9" (1/3 standard sheet); 120V AC; 1.5 amps; .15 HP (Max. Motor Output); 10,000 OPM; net wt 3 lbs, ship wt 3-3/4 lbs.

SANDER and BENCH GRINDER ACCESSORIES

Sander Accessories

♦ Denotes most popular sander accessories

ABRASIVE PAPERS

Open coat, aluminum oxide, for all platen-type power sanders using sizes shown. 6 sheets per pkg.

3-5/8" x 9" size	4-1/2" x 11" size
♦U1413 60 grit	♦U1416 60 grit
♦U1414 100 grit	♦U1417 100 grit
♦U1415 150 grit	♦U1418 150 grit
♦U1405 Assortment of 2 #60, 2#100, 2 #150 grit	
74-404 25 Pcs. Sandpaper Sheet Assortment	



SANDING BELTS

Fits B&D and other belt sanders using sizes shown. Open coat aluminum oxide abrasives. TWO BELTS PER PACKAGE

Cat. No.	Size	Grit
74-500	3" x 18"	36 extra coarse
74-501	3" x 18"	60 coarse
74-502	3" x 18"	80 medium
74-503	3" x 18"	100 fine
74-510	3" x 21"	36 extra coarse
74-511	3" x 21"	60 coarse
74-512	3" x 21"	80 medium
74-513	3" x 21"	100 fine
♦74-520	3" x 24"	36 extra coarse
♦74-521	3" x 24"	60 coarse
♦74-522	3" x 24"	80 medium
♦74-523	3" x 24"	100 fine
74-540	4" x 21-3/4"	36 extra coarse
74-541	4" x 21-3/4"	60 coarse
74-542	4" x 21-3/4"	80 medium
74-543	4" x 21-3/4"	100 fine

74-000 DUST COLLECTING SANDING ATTACHMENT

Attaches to 7424, 7414, 7480, 7490 finishing sanders. Built-in fan and dust collecting sanding attachment keep work area clean with "vacuum action". No vacuum cleaner needed.

7" SANDING DISC (pkg. of 4 each)

U1492	36 grit
U1491	50 grit
U1490	80 grit
U1489	assortment (2 #80 grit, 2#50, 2 #36).

U1046 DUST COLLECTOR FOR BELT SANDERS

Attaches to 7450, U144 or U244 Belt Sanders for dust collected sanding. Zippered bag empties collected dust easily. Powered by sander motor.

POLISHING PADS FOR FINISHING SANDERS

Synthetic lambswool polishing pads that fit any 3-5/8" x 9" (1/3 sheet) and 4-1/2" x 11" (1/2 sheet) finishing sanders. Give added versatility to already versatile tools. Excellent for polishing furniture, cars, etc.

74-405	3-5/8" x 9" Polishing Pad
74-406	4-1/2" x 11" Polishing Pad

DUST COLLECTING SANDING ATTACHMENTS

Convert B&D Finishing Sanders to dust collecting operation by using attachment and most tank-type vacuum cleaners.

74-001 For 7404 and 7430 Finishing Sanders.

U1045 For all non-double-insulated B&D Finishing Sanders except 7440.

7" BACKING PAD

U1315 Use with 7" Sanding Discs. Threaded shank. Do not use at speeds higher than 3200 rpm.

Numerical Listing of Sander Accessories

U1045	Finishing Sander Dust Collecting Attachment
U1046	Dust Collector for Belt Sanders
U1315	7" Backing Pad
♦U1405	3-5/8" x 9" Abrasive Paper Assortment
♦U1413	Pkg. of 6, 3-5/8" x 9" Abrasive Paper, 60 grit
♦U1414	Pkg. of 6, 3-5/8" x 9" Abrasive Paper, 100 grit
♦U1415	Pkg. of 6, 3-5/8" x 9" Abrasive Paper, 150 grit
♦U1416	Pkg. of 6, 4-1/2" x 11" Abrasive Paper, 60 grit
♦U1417	Pkg. of 6, 4-1/2" x 11" Abrasive Paper, 100 grit
♦U1418	Pkg. of 6, 4-1/2" x 11" Abrasive Paper, 150 grit
U1489	7" Sanding Disc Assortment
U1490	7" Sanding Disc, 80 grit

U1491	7" Sanding Disc, 50 grit
U1492	7" Sanding Disc, 36 grit
74-000	Dust Collecting Attachment
74-001	Dust Collecting Attachment
74-404	25 Pcs. Sandpaper Sheet Assortment
74-405	Polishing Pad
74-406	Polishing Pad
74-500	2 Sanding Belts, 3" x 18" Extra Coarse, 36 grit
74-501	2 Sanding Belts, 3" x 18" Coarse, 60 grit
74-502	2 Sanding Belts, 3" x 18" Medium, 80 grit
74-503	2 Sanding Belts, 3" x 18" Fine, 100 grit
74-510	2 Sanding Belts, 3" x 21" Extra Coarse, 36 grit

74-511	2 Sanding Belts, 3" x 21" Coarse, 60 grit
74-512	2 Sanding Belts, 3" x 21" Medium, 80 grit
74-513	2 Sanding Belts, 3" x 21" Fine, 100 grit
♦74-520	2 Sanding Belts, 3" x 24" Extra Coarse, 36 grit
♦74-521	2 Sanding Belts 3" x 24" Coarse, 60 grit
♦74-522	2 Sanding Belts 3" x 24" Medium, 80 grit
♦74-523	2 Sanding Belts 3" x 24" Fine, 100 grit
74-540	Sanding Belt 4" x 21-3/4" Coarse, 36 grit
74-541	Sanding Belt 4" x 21-3/4" Coarse, 60 grit
74-542	Sanding Belt 4" x 21-3/4" Medium, 80 grit
74-543	Sanding Belt 4" x 21-3/4" Fine, 100 grit

Bench Grinder Accessories

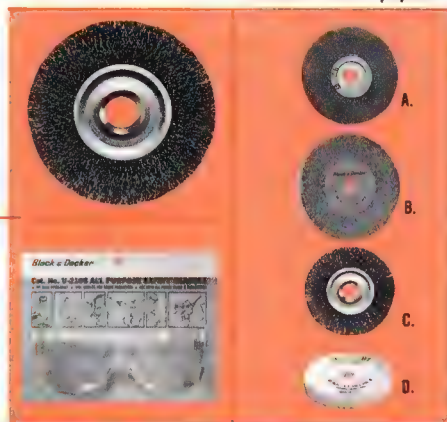
♦ Denotes most popular bench grinder accessories

ACCESSORIES FOR 7915 BENCH GRINDER DELUXE WIRE WHEEL BRUSHES

♦70-162	6" Coarse • 5000 Max. RPM.
70-163	6" Fine • 3750 Max. RPM.
70-164	6" Medium • 3750 Max. RPM.
70-165	6" 2-Section Coarse • 3750 Max. RPM.

♦U2106 SAFETY GLASSES

Lightweight, one-piece, impact resistant, clear plastic safety glasses with side shields. Can be worn directly over eyes or over prescription glasses. Comfortable.



ACCESSORIES FOR 7900 BENCH GRINDER

Grinding Wheels 3600 Max. RPM: wire wheel brushes 5000 Max. RPM

A.	79-255	4" x 5/8" x 1/2" Cushioned-Action Abrasive Polishing Wheel
B.	79-555	5" x 5/8" x 1/2" Coarse Grit Grinding Wheel
B.	79-556	5" x 5/8" x 1/2" Medium Grit Grinding Wheel
C.	♦70-142	4" Coarse Deluxe Wire Wheel Brush
C.	♦70-143	4" Fine Deluxe Wire Wheel Brush
D.	♦U1322	4" x 5/8" x 1/2" Cotton Buff

GRINDING WHEELS

U1441	6" x 5/8" x 1/2" Medium Grit • 4136 Max. RPM.
U1442	6" x 5/8" x 1/2" Fine Grit • 4136 Max. RPM.
U1446	6" x 1/2" x 1/2" Medium Grit • 3825 Max. RPM.

U34575 SHATTER-PROOF EYE SHIELDS

(not illuminated)
One 3-1/4" x 5-1/4" Eye Shield (Customer must order a pair to fully equip 7915 Bench Grinder). Includes glass, bracket, bolts.

Numerical Listing of Bench Grinder Accessories

♦U1322	4" x 5/8" x 1/2" Cotton Buff
U1441	6" x 5/8" x 1/2" Medium Grit Grinding Wheel
U1442	6" x 5/8" x 1/2" Fine Grit Grinding Wheel
U1446	6" x 1/2" x 1/2" Grind. & Sharp. Grinding Wheel, med. grit
30 ♦U2106	Safety Glasses

U34575	Eye Shield
♦70-142	4" Deluxe Coarse Wire Wheel Brush
♦70-143	4" Deluxe Fine Wire Wheel Brush
♦70-162	6" Deluxe Coarse Wire Wheel Brush
70-163	6" Deluxe Fine Wire Wheel Brush
70-164	6" Deluxe Medium Wire Wheel Brush

70-165	6" 2-Section Wire Wheel Brush
79-255	4" x 5/8" x 1/2" Cushioned-Action Abrasive Polishing Wheel
79-555	5" Coarse Grinding Wheel
79-556	5" Medium Grinding Wheel

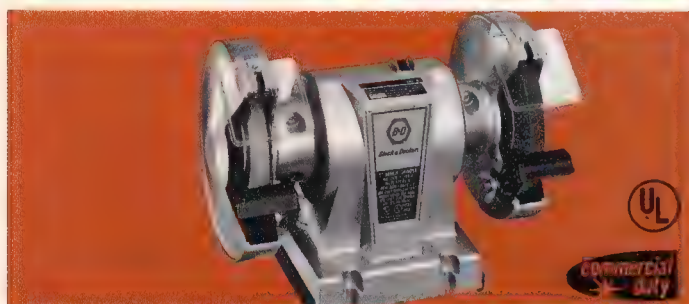
SANDER/POLISHER BENCH GRINDERS, BELT SANDERS, DISC SANDERS



7960 VALUE-PLUS™ 7" SANDER/POLISHER

- Versatile. It's a sander, it's a polisher.
- Compact, lightweight.
- Ball and roller bearings throughout.
- Non-marring tool rests.
- Reversible side handle.

Attach the sanding disc and backing pad and it's a smooth-running sander. Remove the sanding disc and attach the polishing bonnet and it's a time-saving polisher. Includes 7" quick-change backing pad, clamp washer, 7" sanding disc, 7" polishing bonnet. 1.25 HP (Max. Motor Output); 2400 RPM; 7 amps; 120V AC; 3/8" - 24 spindle thread; net wt 9 lbs, ship wt 10 lbs.



7900 5" BENCH GRINDER

- Balanced vitrified aluminum oxide polishing wheel and coarse grit grinding wheel included.
- Sharpen knives, lawn mower blades, chisels, hatchets.
- Self-aligning oil-impregnated bearings for accurate work.
- 8-1/2" wide wheel spread permits side grinding longer length objects.
- Motor housing placement

allows greater working area around wheels.

A low priced bench grinder that every home workshop should have. Includes: 1/2" wide 4" cushioned-action abrasive polishing wheel, 1/2" wide 5" coarse grit grinding wheel, tool rests, wheel guard covers, eye shields, rubber feet. 2.2 amps; 3400 RPM; 120V AC; 60 cycles; ship wt 10-1/4 lbs.

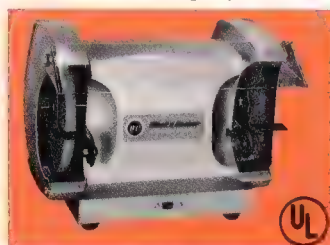


7450 3" x 24" LCG BELT SANDER

- LCG: low center of gravity.
- Motor between pulleys puts weight where it counts.
- No tilting, gouging, rocking.
- Up-front controls for easy belt installation and tracking.

Gear driven for smooth power transmission. Long life roller bearings and sleeve bearings. Adapts to optional U1046 dust collector attachment. Takes 3" x

24" belts. 1200 SFM; 13.8 sq. in. of sanding surface; 120V AC; 5.2 amps; .75 HP (Max. Motor Output); net wt 8-3/4 lbs, ship wt 11 lbs. Includes one coarse grit sanding belt.



7910 6" BENCH GRINDER

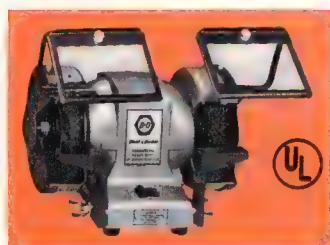
- Grinds, polishes, cleans, sharpens.
- Adjustable eye shield.
- Two-way adjustable tool rests.
- Removable end-covers.
- Positive wheel clamping, easy wheel changes.

Does innumerable home workshop jobs of grinding, cleaning, polishing. Includes U1446 6" medium grit grinding wheel and U1205 6" medium wire wheel brush. .33 HP (Max. Motor Output) intermittent; 4.6 amps; 120V AC; single phase, 60 cycles; 3600 RPM no-load speed; net wt 15 lbs, ship wt 18 lbs.

GRINDING WHEELS

U1442 6" Fine Grit U1446 6" Med. Grit

When operating a bench grinder, eye shields or safety glasses should be used.



7915 6" COMMERCIAL HEAVY-DUTY BENCH GRINDER

- Commercial Duty rated.
- Greater wheel clearance (7/8") permits longer use of grinding wheel.
- Long life motor, enclosed to keep out abrasive dust.
- Tool rests adjustable for wheel wear.
- Spark shields adjustable for angle wear.

Includes 6" grinding wheel, 6" wire wheel brush, 2 adjustable tool rests, 2 adjustable spark shields. .50 HP (Max. Motor Output); 4.4 amps; 3600 no-load RPM; 120V AC; ship wt 25 lbs.

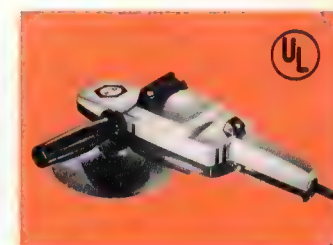
NOTE: Eye shields U34575, shown, are optional at extra cost. Customer must order a pair (two U34575) of eye shields to equip grinder as shown.



7460 3" x 24" LCG 2-SPEED DUST COLLECTING BELT SANDER

- Has all the features of the 7450 PLUS:- Two speeds: high speed for fast material removal, low speed for better control and smooth finishing.
- Dust Collector: powered by sander motor keeps dust under control.

Takes 3" x 24" belts. 1050 and 1250 SFPM; 13.8 sq. in. of sanding surface; 120V AC; 4.2/5.5 amps; .85 HP (Max. Motor Output); net wt 9 lbs, ship wt 11-1/4 lbs. Includes one coarse grit sanding belt.



7950 7" COMMERCIAL-DUTY DISC SANDER

- Compact. Gets into tight corners.
- Reversible side handle provides full control.
- Ball and roller bearings for long life.
- Non-marring tool rests.

Includes 3-1/2" quick-change backing pad, 7" phenolic disc, clamp washer. 1.25 HP (Max. Motor Output); 4500 RPM; 7 amps; 120V AC; 5/8" - 11 spindle thread; net wt 9 lbs, ship wt 10 lbs.

VACUUM CLEANERS



7665 8 GAL. WET AND DRY VACUUM CLEANER

- Designed for picking up wet or dry materials around the pool, patio, boat, in the cellar, garage, or wherever quick cleanups are needed.
- Good for rug shampooing.
- Handy for people in service trades.
- Automatic float shutoff protects motor from water.
- 4-1/3 gallons water pick-up capacity.
- Sturdy steel drum with baked epoxy interior for rust resistance.

Two large rear wheels and front pivot wheel give easy mobility. Equipped with 2-1/2" positive lock inlet that takes 1-1/4" and 2-1/2" hoses without adaptors. Hose connection on side of tank makes tipping less likely. Included extension tubes permit floor cleaning.

Long-lasting steel tank, 6 ft. 1-1/4" plastic hose, two 20" extension tubes, 6" master nozzle with brush and squeegee attachments, foam filter bag, 1 paper filter bag, 1 HP, 5.5 amps, 120V AC/DC, ship wt 23-3/4 lbs.



7660 10 GAL. DELUXE PURPOSE VACUUM CLEANER

- Large ten gallon capacity.
- Handles the big jobs without emptying.
- Picks up dry materials only.
- Hose connection on side of tank makes tipping less likely.
- Convenient electric cord storage fixture on top.
- Can also be used as a powerful blower.

Two large rear wheels and small front pivot wheel give easy mobility. Large 2-1/2" diam. hose for man-type cleaning jobs.

Included extension tubes permit floor cleaning. Good for home workshop or service trades.

Has adaptor to permit use of 1-1/4" diam. accessories, too. Rectangular nozzle good for picking up wood chips, etc.

Long-lasting steel tank, 6 ft. 2-1/2" diam. plastic hose, two 20-1/2" extension tubes (U1463-2), 2-1/2" to 1-1/4" diam. conversion size reducer, rectangular nozzle and brush, paper filter bag. .75 HP; 5.2 amps; 120V AC/DC; net wt 22 lbs, ship wt 23 lbs.



7651 5 GAL. ALL-PURPOSE VACUUM CLEANER

- For picking up dry materials only.

Has same features and equipment as 7655 above, except U1463-2, two 20-1/2" extension tubes, are not included; and net wt is 16-3/4 lbs, ship wt 20 lbs. Accepts optional 76-671 3-wheel dolly for easy mobility, added convenience.



7655 5 GAL. DELUXE ALL-PURPOSE VACUUM CLEANER

- For picking up dry materials only.
- Included extension tubes permit floor cleaning.
- Good for home workshop or anyplace for big, fast clean-up jobs.
- Hose connection on side of tank makes tipping less likely.
- Convenient cord storage fixture on top.
- Can be also used as powerful blower.

Two large rear wheels and small front pivot wheel give easy mobility. Large 2-1/2" diam. hose for man-type cleaning jobs. Has adaptor to permit use of 1-1/4" diam. accessories too.

Rectangular nozzle good for picking up wood chips, etc.

Long-lasting steel tank, 6 ft. 2-1/2" diam. plastic hose, two 20-1/2" extension tubes (U1463-2), 2-1/2" to 1-1/4" diam. conversion size reducer, rectangular nozzle and brush, paper filter bag. .75 HP, 5.2 amps, 120V AC/DC. Ship wt 18-7/8 lbs.



U1482 2-1/2" DIAM. VACUUM CLEANER ACCESSORY SET

5 PIECES. Provides vacuum cleaner user with hose attachments to do virtually every job. Includes 1 U1463-2 (pkg. of 2) 20-1/2" Nozzle Extension Tubes, U1464 14" Floor Nozzle, U1480 Crevice Tool, U1481 Round Nozzle with Brush.



U1483 1-1/4" DIAM. VACUUM CLEANER ACCESSORY SET

8 PIECES. Gives vacuum cleaner user hose attachments to do just about every job. Includes U1468 Conversion Size Reducers, U1473 Round Brush, 76-695 6" Master Head, U1475 Crevice Tool, 1 U1476-2 (pkg. of 2) 20" Nozzle Extension Tubes, 76-690 10" Master Head, U1478 6' Extension Hose.

VACUUM CLEANER ACCESSORIES

76-685 VACUUM CLEANER ACCESSORY ASSORTMENT



Increase the versatility and usefulness of Nos. 7651, 7655 and 7660 Deluxe All-Purpose Vacuum Cleaners. 4 PIECES: Includes: U1464 14" floor nozzle with brush. 76-695 6" master head; U1481 round nozzle with brush; U1480 crevice tool with 2-1/2" diam. hole.

1-1/4" DIAMETER ACCESSORIES

	CAT. NO.	ITEM	USE
	U1473	Round Brush, 1-1/4" diam.	Ideal for cleaning bins, shelves, car floors, other small areas.
	U1475	Crevice Tool, 1-1/4" diam.	Cleans radiators, crevices in car and furniture cushions.
	U1476-2	Two 20" Extension Tubes, 1-1/4" diam.	Use joined to attach to floor tools.
	U1478	6 ft. Extension Plastic Hose w/ends, 1-1/4" diam.	Use with 1-1/4" diam. accessories.
	76-690	10" Master Head, 1-1/4" diam.	Use with 76-691, 76-692, 76-693, 76-694 attachments.
	76-691	10" Shag Rug Shoe, 1-1/4" diam.	Fits 76-690, Cleans shag rugs.
	76-692	10" Squeegee Shoe, 1-1/4" diam.	Fits 76-690. Assists in picking up water.
	76-693	10" Brush Shoe, 1-1/4" diam.	Fits 76-690. Cleans wood, tile, concrete floors.
	76-694	10" Rug Shoe, 1-1/4" diam.	Fits 76-690. Cleans all rugs except shag type.
	76-695	6" Master Head, 1-1/4" diam.	Use with 76-696 and 76-697 attachments.
	76-696	6" Brush Shoe, 1-1/4" diam.	Fits 76-695. Cleans hardwood, tile and concrete floors.
	76-697	6" Squeegee, 1-1/4" diam.	Fits 76-695. Assists in picking up water.

2-1/2" DIAMETER ACCESSORIES

	U1461	Rectangular Nozzle w/brush, 2-1/2" diam. (Std. equip. with cleaner)	For bulk pick-up of wood shavings, leaves from patio, etc.
	U1462	6 ft. plastic hose with coupling, 2-1/2" diam. (Std. equip. with cleaner)	Connect cleaner to 2-1/2" diam. attach.
	U1463-2	Two 20-1/2" Nozzle Extension Tubes, 2-1/2" diam.	Use joined to attach to floor tools.
	U1464	14" Floor Nozzle with brush, 2-1/2" diam.	Thoroughly cleans floors, walls.
	U1481	Round Nozzle with brush, 2-1/2" diam.	Perfect for dirt, shavings, sawdust around irregular surfaces.
	U1480	Crevice Tool, 2-1/2" diam.	For use with 2-1/2" diam. hose for cleaning radiators, crevices in car and furniture cushions.

	U1468	2-1/2" to 1-1/4" diam. Conversion Size Reducer	Permits use of 1-1/4" accessories on 2-1/2" hose.
	U1469	Paper Filter Bags, pkg. of 5	Fits over U1470 bag for quick replacement.
	♦ U1470	Cloth Filter Bag (std. equip. with cleaner)	Filters air passing through motor.
	76-871	Dolly fits 7651 5 gal. vacuum cleaner. Large whitewall rear tires. Smaller front wheel pivots.	Gives convenient mobility to cleaner.

Foam Filter and Squeegee Nozzle for 7665 Wet & Dry Vacuum Cleaner available at Black & Decker Service Centers

COMMERCIAL - DUTY POWER TOOLS

6



7940 HIGH POWER COMMERCIAL-DUTY 1/2" ELECTRIC IMPACT WRENCH

- Crisp, dependable power packed into beautifully balanced 6-1/4 lb. tool only 8-3/4" long.
- Exclusive 'rocker switch' for forward and reverse allows rocking tight nuts and bolts to break them loose easily.
- Small, compact design lets you

reach into tight areas around engine block and chassis, yet powerful enough to spin off wheel lugs.

Versatile, economical. A good choice for general purpose automotive work. .50 HP (Max. Motor Output); 7.7 amps; 120V AC/DC; 2400 impacts per minute; 1/2" square drive; 1/2" bolt capacity; net wt 6-1/4 lbs, ship wt 9-1/2 lbs.



7970 7" COMMERCIAL-DUTY POLISHER

- Compact design and light weight for easy use on horizontal, vertical and tight areas.
- Reversible side handle.
- Ball and roller bearings throughout assure smooth-running performance.
- Powerful motor lets you bear

down without overloading motor.

Maintains proper load speed for best results. Helicon gears give long, trouble-free service.

Includes 7" quick-change backing pad, clamp washer, 7" polishing bonnet. 1.25 HP (Max. Motor Output); 2400 RPM; 7 amps; 120V AC; 5/8" - 11 spindle thread; net wt 9 lbs, ship wt 10 lbs.



7929 3/8" COMMERCIAL-DUTY HAMMER-GUN® HAMMER DRILL

- A combination Hammer and Drill.
- Lightweight. Exceptional value for performance delivered.
- Positive locking shift collar converts tool instantly from percussion drilling (in concrete, brick or tile) to straight rotary drilling (in steel or wood).

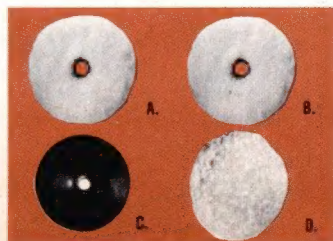
- Accurate, positive depth gauge permits drilling holes to exact depth desired.

Good for general-purpose use. Roller bearings at heavy load points. Capacity: masonry 9/16", hard brick, tile, porcelain 3/8"; steel 1/4"; wood 3/4"; 1600 RPM; .50 HP (Max. Motor Output); 3.2 amps; 120V AC; net wt 4-3/8 lbs, ship wt 4-1/2 lbs.

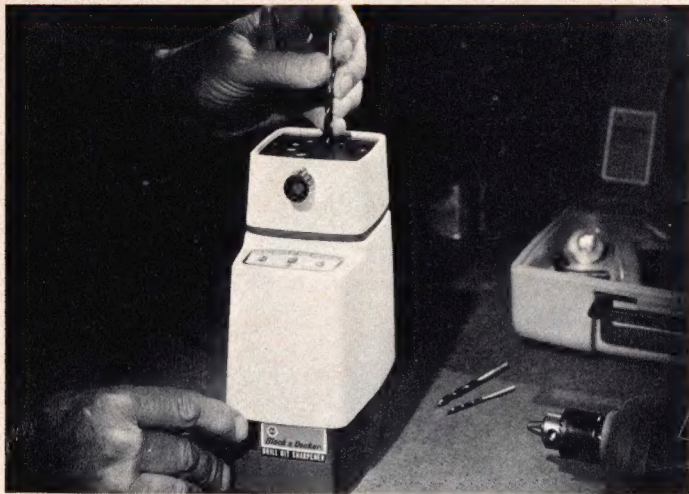
POLISHER ACCESSORIES

Work perfectly with 7970 polisher to give fast, perfect polishing every time.

- A. U13086 7" Polishing Pad
- B. U13087 7" Polishing Bonnet
- C. U51824 7" Rubber Backing Pad with Clamp Washer. Do not use at speeds higher than 4000 rpm.
- D. U1311 7" Polishing Bonnet



DRILL BIT SHARPENING EQUIPMENT



7980 DRILL BIT SHARPENER

- Exclusive. A really unique power tool for home or shop.
- Save time and money. Avoid inconvenience.
- Resharpen dull or broken carbon and high speed steel twist bits on the spot. (Does not resharpen carbide-tipped drill bits).

Accepts 11 different sizes: 1/8", 9/64", 5/32", 11/64", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8". Double insulated, needs no grounding. Bits require no oil or lubricants. Lightweight and compact. .20 HP (Max. Motor Output); 1.9 amps; 3000 RPM; 120V AC; net wt 4-1/2 lbs, ship wt 5-1/2 lbs.

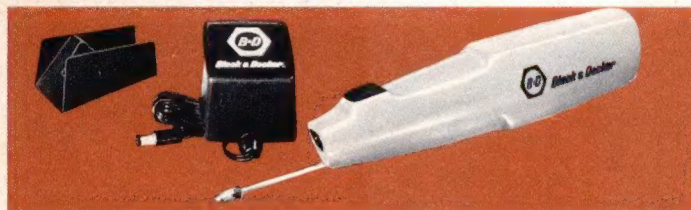
79-800 DRILL BIT SHARPENER ATTACHMENT

Attachment fits all Black & Decker and most other makes of 1/4" and 3/8" pistol grip drills (as shown) with speeds less than 3000 RPM. (Not for use with 1/2" drills). See page 12 for specifications.

79-520 2-1/4" Diameter Replacement Grinding Wheel for Drill Bit Sharpener



SOLDERING EQUIPMENT



9301 CORDLESS SOLDERING PENCIL

- Cordless convenience. Use indoor or outdoors.
- Weighs only 6 oz. Just 7-1/2" long. Heats in seconds.
- High-impact resistant plastic housing.

- Built-in light illuminates soldering area.
 - Solders 35 to 100 joints per charge, depending upon type of application.
- Good for electricians, repairmen. Includes 2 nickel-cadmium batteries, charger and tool rest. Finger-tip ON-OFF button for safety and convenience.

7990 SOLDER AND CRAFT SET



Useful, versatile, creative. The tool needed for today's hobbies and crafts. Use for soldering, wood burning, cork burning, leather craft, foil writing, hot knife cutting. Double insulated. Includes heating unit, chisel soldering tip, pyramid soldering tip, craft tip, foil writing tip, hot knife and collet; approx. 12-1/2 sq. ins. gold foil paper; cooling stand; 6 ft. cord. 27 watts; 120V AC/DC.

SOLDERING TIPS

91-301 Replacement Chisel Soldering Tip
91-302 Precision Soldering Tip

AIR COMPRESSOR & ACCESSORIES



7761 AIR COMPRESSOR WITH SPRAY GUN & INFLATOR KIT

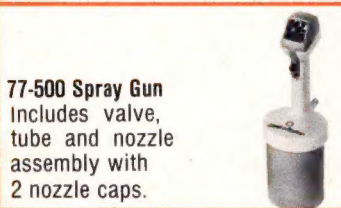
- Revolutionary design. It's piston powered, sure-working, simple.
- IT SPRAYS, IT PAINTS, IT INFLATES.
- Spray gun SPRAYS LATEX PAINT as well as oil base paint, shellac, lacquer and many other liquids. Easy to clean.
- Inflator kit inflates basketballs, air mattresses, etc.

Gives professional-type results in a wide range of do-it-yourself and home maintenance projects. Advanced engineering makes operation and maintenance of both compressor and accessories simple. Specifications: up to 65 PSI; .7 CFM @ 20 PSI; net wt of compressor: 8-1/2 lbs; 120V AC; 3.5 amps; cord length: 6 ft; air hose length: 8 ft; double insulated; constructed of impact-resistant ABS material.

Also available: 7760 Basic Air Compressor that includes the Inflator Kit.

AIR COMPRESSOR ACCESSORIES

For use with Black & Decker air compressor or any other air compressor operating at 65 PSI or less.



77-500 Spray Gun

Includes valve, tube and nozzle assembly with 2 nozzle caps.

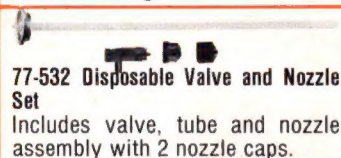


77-534 Inflator Kit

Contains 1 needle valve, 1 tire inflator, 1 universal nozzle, 1 inflator adapter.



77-510 Caulking Gun



77-532 Disposable Valve and Nozzle Set

Includes valve, tube and nozzle assembly with 2 nozzle caps.



77-525 Quick Connect Set

Includes adapter and couplers to equip 2 accessories for quick connection.



84-001 Garden Spray Nozzle

Adjusts for fine spray or full stream.



77-535 Quick Connect Couplers (2)

Used to equip additional accessories for quick connection.



77-530 Face Mask

Used when spraying, dusting, etc.



77-531 Face Mask Filters

For replacement of filters used in 77-530 mask. 5 filters to package.



77-533 Paint Strainers

50 strainers to a box.

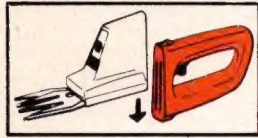


77-536 15 foot Air Hose
77-537 25 foot Air Hose

MOD 4™ Cordless System

The MOD 4 Cordless System operates on the principle of a universal, rechargeable Energy Pak that attaches to a variety of MOD 4 Power Tools. Each tool is designed and its motor engineered to perform its own specific function.

The MOD 4 System offers you the opportunity to have more cordless power tools because they cost less. Once you purchase a complete tool with the Energy Pak and Recharger, you save money every time you need a new tool by just purchasing the tool head.



CONNECTS IN SECONDS

8296 Upright Grass Shear

9001 1/4" Cordless Drill

86-079 Energy Pak

9481 Sealed Beam Lantern

8286 Grass Shear

8183 Shrub Trimmer

9321 Spot Vac

86-001 Recharger



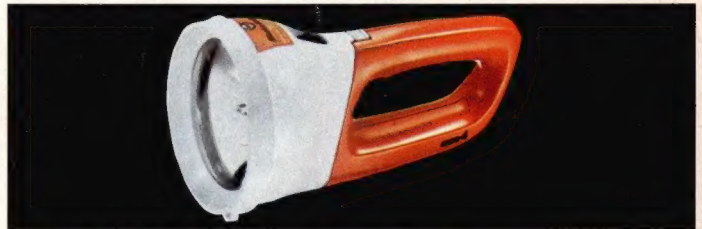
The drawing, below, shows how the MOD 4 System works. Note that the system includes lawn and garden tools, too, so that you can have cordless power both indoors and outdoors at a savings.

The MOD 4 System makes sense for every home owner and apartment dweller who wants to enjoy the great advantages of cordless tools.

See Black & Decker Folder 557 for information on Lawn and Garden MOD 4 tools.
™ A trademark of The Black & Decker Mfg. Co.



9001 1/4" DRILL with interchangeable Energy Pak and Recharger. Goes where the job is ... indoors or outdoors. No fuss with electrical outlets and extension cords. Chuck speed 750 RPM. Strong ABS housing is impact resistant. Convenient built-in chuck key holder.



9481 SEALED BEAM LANTERN with interchangeable Energy Pak and Recharger. Great for camping, boating, around the house or in the car. Gives up to 6300 candle power for up to 2-1/2 hours on a single charge. Lantern head has secondary switch for permanent "on" position. Strong ABS housing is impact resistant.



9321 SPOT VAC with interchangeable Energy Pak and Recharger. New, hand held vacuum cleaner for cleaning automobile carpeting, for stairs, for those hard-to-get-at bare surface corners, and for small pick-up jobs around the home. Picks up loose dirt on fine pile and medium looped pile rugs. Very light and so easy to carry and use. 16-hour charger is included. 1 quart capacity, 17" long, net wt 2-1/4 lbs. Strong ABS housing is impact resistant. See 76-699 Vacuum Cleaner Accessory Assortment, below, that extends the use of the 9321.

86-079 ENERGY PAK

This rechargeable Energy Pak is the power source for all tools in the MOD 4 Cordless System. Recharges by snapping into recharger as simply as it snaps into all tools. Features automatic safety switch to guard against accidental tool starting. With frequent use and recharging, Energy Pak will give years of dependable service.

9000 1/4" DRILL HEAD

Operates with MOD 4 Interchangeable Energy Pak and Recharger. Performs same as 9001 1/4" Drill. Built-in chuck key holder.

9480 SEALED BEAM LANTERN HEAD

Operates with MOD 4 Interchangeable Energy Pak and Recharger. Performs same as 9481 Lantern.

87-100 Repl. Bulb for 9480 Lantern Head



76-699 VACUUM CLEANER ACCESSORY ASSORTMENT

Extends the uses of the 9321 Spot Vac. Includes crevice tool, round brush nozzle tool and 15-3/8" flexible adaptor for cleaning under car seats.

86-100 TOOL AND ACCESSORY HOLDER Mounts on wall to hold MOD 4 tool heads or Upright Shear (with Energy Pak removed).

9320 SPOT VAC HEAD Operates with MOD 4 Interchangeable Energy Pak and Recharger. Performs same as 9321 Spot Vac. Accepts 76-699 Vac Assortment.

86-001 16-HOUR RECHARGER Recharges MOD 4 Energy Pak which can be attached to recharger when not in use with no danger of overcharging. Can be wall mounted for convenience.

WORKMATE™ All-Purpose Work Center and Vise

79-001 Possibly one of the most versatile pieces of equipment ever for the do-it-yourselfer. Completely portable. Can be set up anywhere - in workshop, garage, or on work site. Folds flat for easy storage. Very useful to on-the-job professionals too.

It's the Black & Decker WORKMATE™ All-Purpose Work Center, a foldaway, portable work center, giant vise and sawhorse all in one! Vise holds materials up to 10" wide. Double adjustment levers on vise permit holding wedge shapes. Swivel grip pegs hold irregular and circular objects. Horizontal V-grooves in vise jaws grip tubular pieces.

The B&D WORKMATE™ Work Center does exactly what its name implies. It is your helper in making do-it-yourself projects easier, more comfortable to do. You'll wonder how you ever did without it.



You can work all around your project rather than on one side as you must with a permanent work bench.

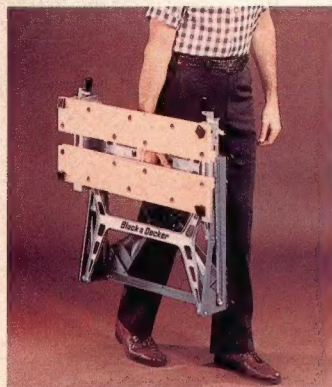
29" wide, 32-1/4" high, 26" deep. Folds to 29-1/2" high, 7-1/2" deep, 29" wide. Work table: 9-3/4" wide, closed; 19-3/4" wide, open. Max. vise bar opening: 4". Max. capacity: (work held parallel to vise bars) 10" wide; (work held diagonally to vise bars) 24" wide. Height of work surface (with legs open) 32-1/4", (with legs folded in) 23-1/4". Floor area: (depth, front to back) 26", (max. width) 38". Net wt 32-1/2 lbs, ship wt 37-1/2 lbs.

79-010 Swivel Pegs (2)

CAUTION:

1. Do not apply weight in excess of 350 pounds.
2. Not to be used as a stepladder or standing platform.

Completely portable



Horizontal V-grooves grip tubular objects



Vise holds hard-to-handle pieces



Pegs hold irregular and circular objects



Vise jaws adjust to take wedge shapes



Put repair work right at your fingertips



Grooved vise jaws allow vertical grip on pipe and tubing



Makes routing easier